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Welcome to the 2010 review of the msa – the catalogue summarises the breadth of activity within the school illustrating the virtuosity of our graduates and the contemporary development of a rich spectrum of related initiatives. The msa is diverse and dynamic, engaged with its professional context in the 'original modern' city and its role in an international community of research and pedagogy in architecture.

The school continues to be a popular and highly respected destination for the study of architecture in a city with a rich tradition and vibrant contemporary architectural scene. The quality of teaching, research and the value of our graduates to the profession all feature significantly in evaluations of the school in the UK context of architecture education.

The vitality of student projects and programmes within the school continue to reflect a wide variety of approaches to the challenge of designing in the twenty first century and it is gratifying to see this reflected in successful entries to international design competitions focussed on climate change and emergent urban conditions.

Student success this year includes the Kohn Pedersen Fox / Architecture Foundation Student Travel Award won by Nandi (Marshal) Han, citations for Andrew Cook and Emma Robinson in the international AIA/ACSA Green Communities competition, a winning entry in Corus 09 for Romulus Sim, the winning entry in the UCAL cityLAB international competition 'Working Public Architecture' by Peter Millar, Stuart Wheeler, Jamie Potter and Andy Wilde and an award in the Nationwide Housing Award 2009 for Anthony Campbell and James West.

Student success in competitions is paralleled by an active student society (mssa) with a commendably extensive array of visiting lectures, social events and competitions.

msa staff have continued to effect valuable collaborations with European partners thereby demonstrating our commitment to an enriched student experience within a dynamic international culture. This has resulted in enhancing the value of study trips in the undergraduate bachelors' programme and extending the range of collaborative projects and partners in graduate units.

msa continued its commitment to the Manchester Architecture and Design Festival (MADF), incorporating a variety of student led projects and workshops into the festival calendar, celebrated in an exhibition at CUBE (Centre for Understanding the Built Environment). 'Hiveminds', an inaugural symposium organised by MA Architecture+Urbanism, was also held at CUBE as part of the festival.

The easa010 (European Association for Students of Architecture) conference that will take place in Manchester (July – August 2010) received continued support from the msa, nurturing relationships within the international field of architecture education.

The estates development within the Faculty of Art and Design (MMU) has evolved, delivering refreshed workshop capacity during this academic session. This is being fully utilised in an innovative project that will result in the construction of 'the reflective room' – a 'live' project acting as a summer pavilion for the Manchester Museum – a huge thank you to Neil Thomas from atelier one for his invaluable professional support.

The school remains open to dialogue with a variety of stakeholders in the evolving discourse centred on design and the built environment. The msa hosted the regional RIBA Climate Change event this year and continues to be active with other schools in our regional RIBA context as we develop the quality, diversity and value of our programmes for future students within the subject.

Welcome to this window on the msa as we celebrate the vision of our graduates.

The Bachelors' programme at the msa continues to be one of the most popular in the United Kingdom, with a rich mix of students from more than 10 EU countries and in excess of a further 25 worldwide. The popularity of the programme and diversity of the student population reflects universal recognition of the value of gaining an undergraduate award at the msa.

Design in all years is taught within a framework of lectures and tutorials with supporting workshops that absorb cultural and technological issues and complemented by a range of study visits and trips at least one of which has an international destination. Students are encouraged to become independent learners

within a pedagogic culture that provides diverse rather than singular points of reference and support. Design teaching is complemented by programmes in the humanities and technologies relevant to architectural study developed across the three year programme.

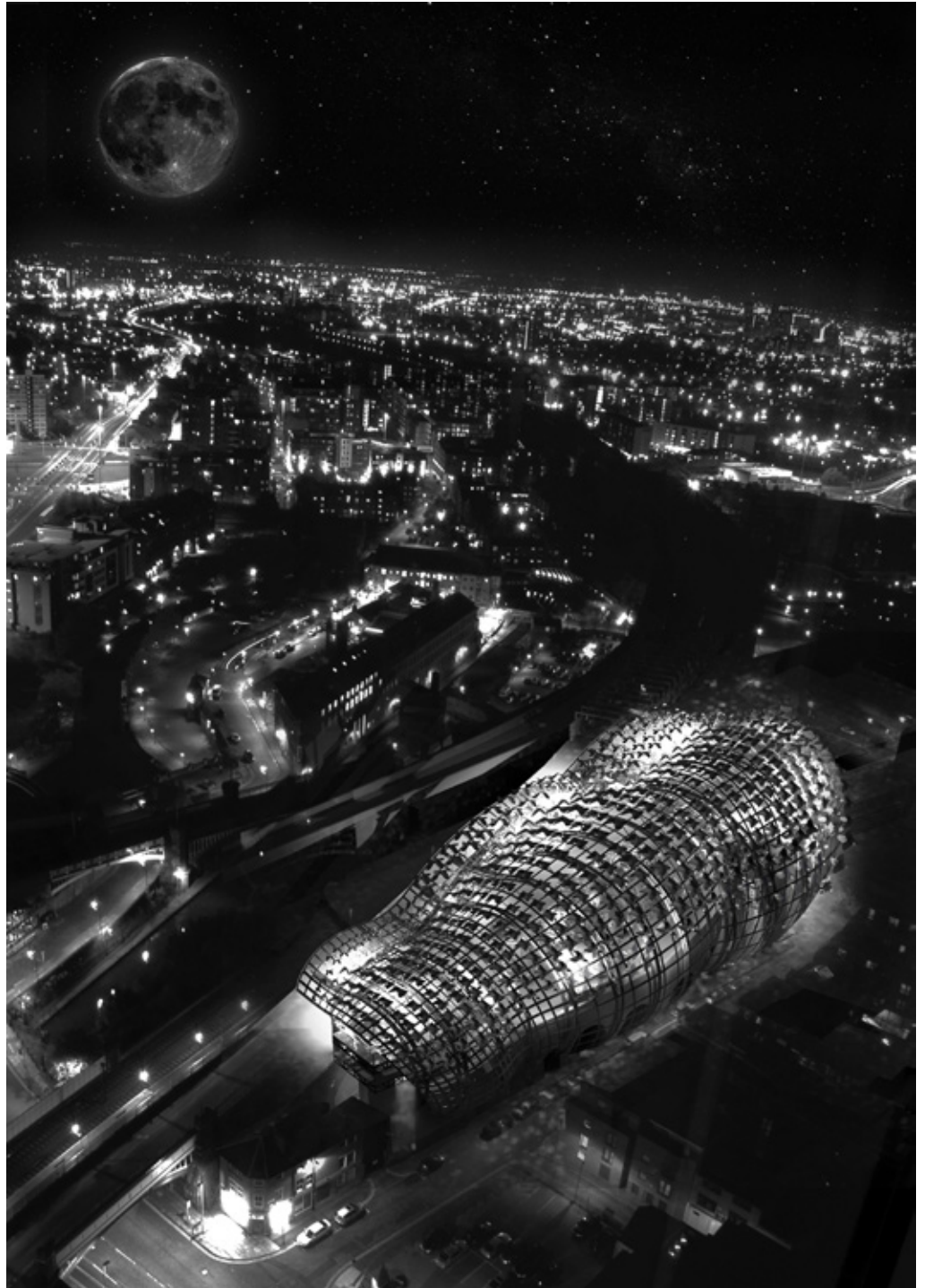
Design is the core activity throughout the programme and the city context forms a recurring context for projects that encompass intimacy and publicity. Students are supported in developing their personal capability to explore and interpret a design agenda that is both relevant and vital to the circumstances of our contemporary ecology.

Students are introduced to a wide range of processes and media to develop the

representation of their experience, understanding, ideas and projects. The school is well supported by workshops that support manual and digital model making, filmmaking and visualisation as well as more specialised processes. It is important to acknowledge the invaluable contribution made by a diverse body of workshop and other support staff to the success of the programme.

Students benefit from exposure to a wide range of 'in house' lecturers, associate lecturers, teaching assistants and, importantly, guest speakers and visiting critics from architecture and its related professions, whose contribution this year is warmly appreciated and acknowledged here.

Alexandr Valakh
Biomimetic energy museum for Castlefield
*Layers of history and energy extraction
through the ages*



The underlying agenda for Year 1 this year has been for the investigation and proposal of a number of varying scale interventions within the city, addressing the broad issue of sustainable food production and urban agriculture. Simultaneously, we asked the students to fundamentally challenge their preconceived understanding of the built environment, and ask themselves why and how they might study architecture.

Term 1 kicked off with the Mancunian *Flaneur* project during freshers' fortnight. Through sketching, diagramming, photography, filmmaking and research, all 189 fresh-faced architecture students immersed themselves to discover some architectural treasures of Manchester.

After a week of sketching and generally getting lost within the city, the EAT MY HAT project started. All students were asked to design and beautifully craft an edible hat/garment responding to the climate change agenda and the concept of the edible city. We ended this short project with a fashion show which took place on one of the roundabouts underneath the Mancunian Way (this later becomes part of a larger site for the second semester). Influenced by their architectural garment, the project developed into an EDIBLE CONTAINER, which again had to be designed and beautifully crafted but sited in an appropriate urban context. Projects ranged from drainpipe systems constructed from *papier maché* bottles to wheel barrows constructed from twigs to vegetables cast in concrete.

For the first week in November we visited Amsterdam and Rotterdam, attending as many of the Rotterdam Architecture Biennale events as we could. In groups we island hopped, consumed art, and examined public spaces, through the medium of sketching, diagramming and filmmaking. We also had the opportunity to meet up with Patricia Ruisch (a BArch external examiner here at the msa) at the *Academie van Bouwkunst* (The Amsterdam Academy of Architecture). Patricia kindly invited us to a preview of the graduation exhibition at the school, and 40 of us attended a lecture at the school that evening.

To help support all of these new challenges, the Graduate Teaching Assistants have delivered a series of skills workshops throughout the year, ranging from the understanding of scale to the drawing of axonometric projections, to architectural presentations, to overcoming the fear of computer software. In parallel, the Studio Lecture series supported the projects but introduced new languages of architecture beyond just image and form.

After returning from Amsterdam we had a year 1 site visit to Hulme Park and created small architectural pavilions which engaged with the production and consumption of urban agriculture (SHEDDING AROUND).

With the aim of sharing and learning new skills, all year 1 students from Architecture, Embroidery, Textiles and Creative Practice undertook the interdisciplinary HATS OFF TO YOU hat making project. Nearly 300 students created 55 hats which had to own a provocative title, engage

with materiality and colour, be political, and be beautifully crafted. It was a great chance to discover new opportunities within the Faculty of Art and Design.

Finally, for the whole of semester two the students took part in the MARKET PRACTICE project. Set in 2020 after some proposed policy changes regarding the possible compulsory purchase of abandoned land, and land banked by developers, we inhabited the redundant Gaythorn Industrial Estate, sited inbetween the Mancunian Way and Whitworth Street West arches.

The project required the students to do work individually and in groups to:

- [1] create a group strategy for the creation of a market on either or both of the roundabouts under the Mancunian Way
- [2] design a portable workspace, barrow, cart, truck, caravan, etc...
- [3] create an individual strategy for agricultural production for redundant plots, walls, roofs, etc...
- [4] design a compact dwelling within the arches
- [5] create a timeline for the development and growth of the site

As the students developed responses to the brief and started to make marks on the site, they were also required to produce an artefact which markets their project.

YEAR LEADER

Helen Aston

TEACHING STAFF

Fergus Alexander, Helen Aston,
Gemma Barton, Sarah Gilby, Vikram Kaushal,
Grahame MacDougall, Chris Maloney,
Geoff McKennan, Richard Morton, James
Robertson, Dominic Sagar and Laura Sanderson

STUDENT TEACHING ASSISTANTS

Simon Burnage, Ruth Burrows, Lucy Flintoff,
Shervin Haji Ghassemi, Ben Goble, Fraser Hall,
Mark Hammond, David Hillier, Pete Millar,
Jamie Potter, Michelle Tomlinson, Andrew Watson
and Jonny Wong

VISTING CRITICS

Gemma Birchall, Laura Coucill, Anna Deacon,
David Doultry, Dan Hambleton, Dan Harrap,
Rhiannon Hodgson, Charlie Howard,
Ashley Hunt, Rob Hyde, Naushad Islam,
Urun Kilic, Karen MacDougall, Peter Mickleburgh,
Mark Murphy, Hoda Nobakhti, Pritesh Salanki,
Craig Stott and James Thompson



Edible Container



I Am Amsterdam

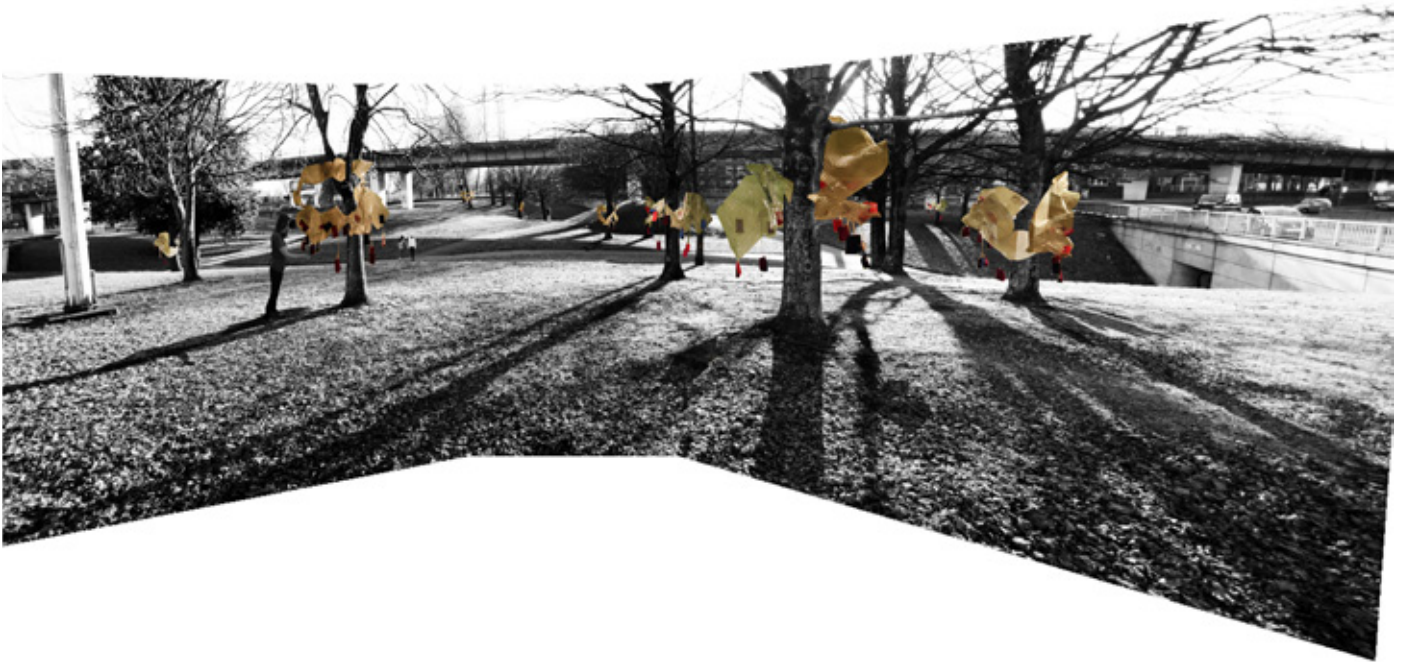


Hats off to you!



Marketing Artefact

MARKET STALL(FINAL PROPOSAL) :



Ellie Shouer

BA(Hons)
YEAR TWO

This year BA2 have been both rural and urban in their exploration of architecture. Semester 1 has a rural flavour, with projects centred around nature and the environment with a particular focus on passive ecological devices and systems. The introductory exercise was limited in its material composition, but diverse in its aesthetic – the students had to build a model of a building found in a 1980s Architect's Journal from a single packet of cornflakes. Moving swiftly on, the second scheme was to design a bird hide in Chorlton Water Park. With the notions of limited resources and the natural environment in mind we headed for Grizedale Forest in the Lake District for an intense day of site investigations and workshops in dry stone walling and traditional timber crafts, led by the Forestry Commission team of rangers and education officers. Four locations in the forest provided the sites for the major project, a remote

observatory and ranger station for fieldwork. Last year's students also exhibited their work at the opening of the new education centre, *The Yan*, by Sutherland Hussey.

Semester 2 began with a field study tour to Berlin, some 20 years after the reunification of Germany. We had guided tours of Rem Koolhaas' Dutch Embassy, normally inaccessible to the public and Hans Scharoun's masterpiece, the Philharmonie, where we were lucky enough to witness 20 minutes of piano wizardry at the hands of Mitsuko Uchida as she warmed up for a concert. A host of other buildings from the late C20 and early C21 made for a rich and rewarding trip. The issues surrounding the physical disjunction of the city have been discussed at length in the past, with particular regard to the consolidation of the areas around Potsdamer Platz and the Brandenburg Gate. With this in

mind, we selected the suburb of Friedrichshain as a site and a resource centre for the homeless as a programme, in an attempt to provide a new discourse about the continuing social problems that reunification and inequality can foster. Many of the students engaged with support services for the homeless and found themselves volunteering in order to develop a more empathetic position as they progressed their schemes. Clearly, this is the urban element of the programme and as well as the obvious social implications of the brief, the students have to begin to consider wider contextual issues, with two aims: to introduce geographical, anthropological, sociological and morphological issues as part of an architectural discourse and also to prepare the students for BA3 where the focus toward urban futures becomes integrated into the studio programme.

YEAR LEADER

Richard Brook

TEACHING STAFF

Siobhan Barry, Gemma Barton, Everard Bektashi-Brown, Rick Dargavel, George Epolito, Griff Evans, Ric Frankland, Siobhain Graham, Amy Hanley, Ashley Hunt, Chris Maloney, Vik Kaushal and James Robertson

FORESTRY COMMISSION

Mark Birchall, Tania Crockett, Myles Dickenson, Hayley Skipper and Jennifer Watson

STUDENT TEACHING ASSISTANTS

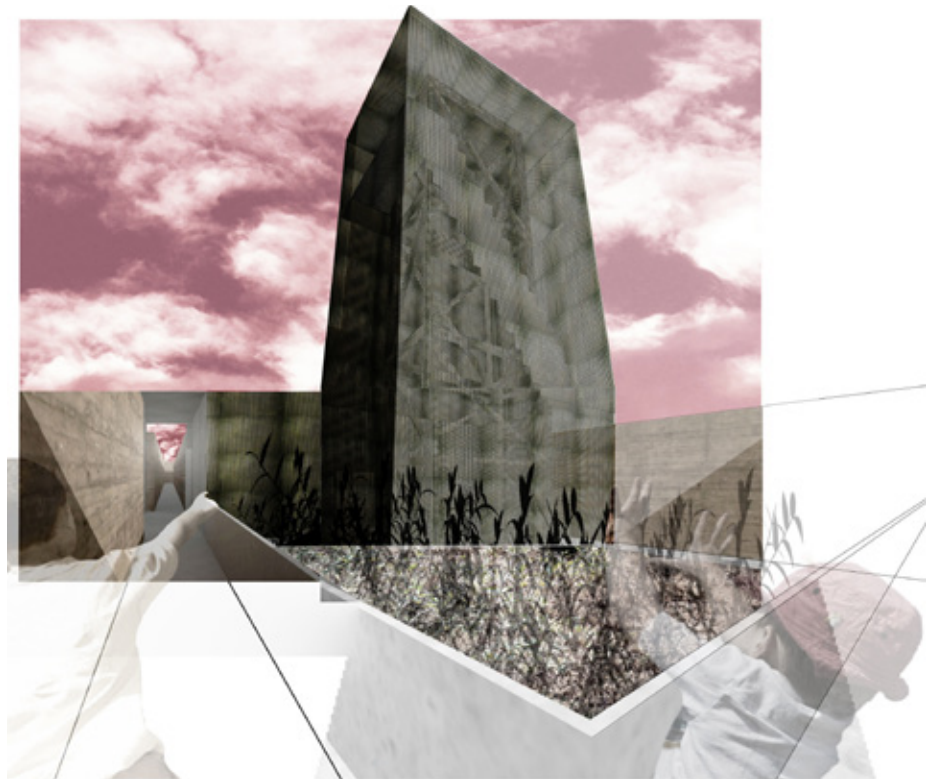
Mark Bonshek, Robin Burek, Anthony Campbell, Jonathan Djabarouti, Patrick Drewello, David Grahame, Tom Humphries, Romulus Sim, James Thorp, James West and Gaia Zamburlini

GUEST CRITICS

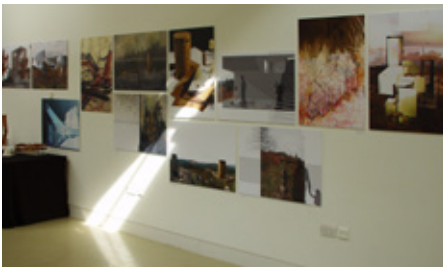
Gemma Birchall, Emily Crompton, Michael Cunniff, Jon Davies, Richard Drinkwater, Dan Farshi, Marie Gartland, Paul Iddon, Julia King, Ben Otter, Daniel Richards, Rebecca Stephens and Craig Stott



Project 3.1 Cereal Box



Adam Jones · Project 3.3 – Wait and Watch



Grizedale exhibition



Grizedale workshops



Thomas Sydney · Project 3.3 – Wait and Watch



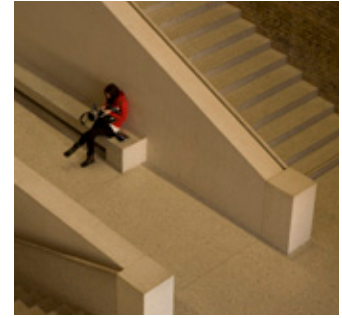
Berlin · Dutch Embassy,
OMA



Berlin · Students in the Jewish Museum,
Daniel Libeskind



Berlin · GSW Building,
Sauerbruch Hutton



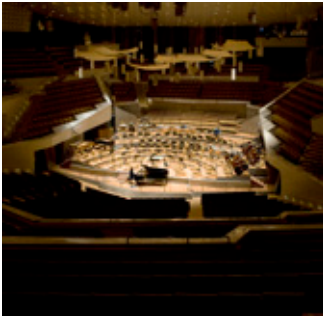
Berlin · Sketching in the Neus Museum,
David Chipperfield



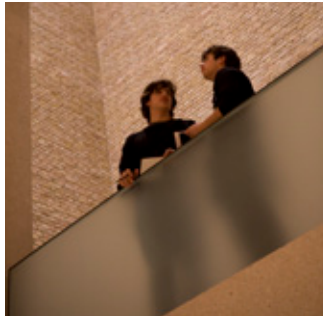
David Pepper · Project 4 – Urban Inclusion



Henry Posner · Project 4 – Urban Inclusion



Berlin · Mitsuko Uchida warms up in the Philharmonie, Hans Scharoun



Berlin · Conversing in the Neus Museum, David Chipperfield



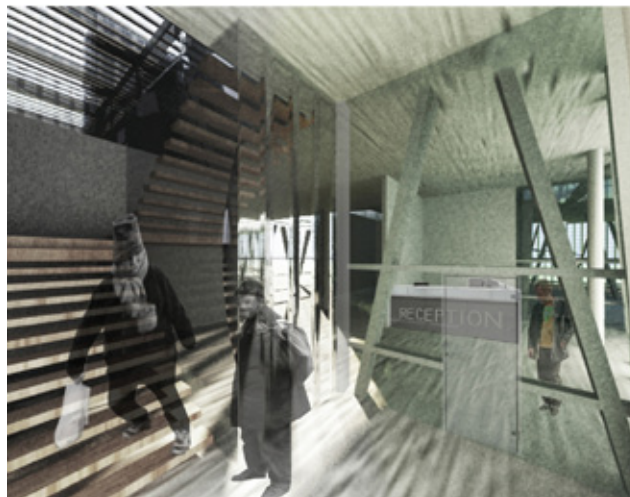
Berlin · Students on site in the snow



Berlin · Tutors freeze outside the Reichstag, Norman Foster

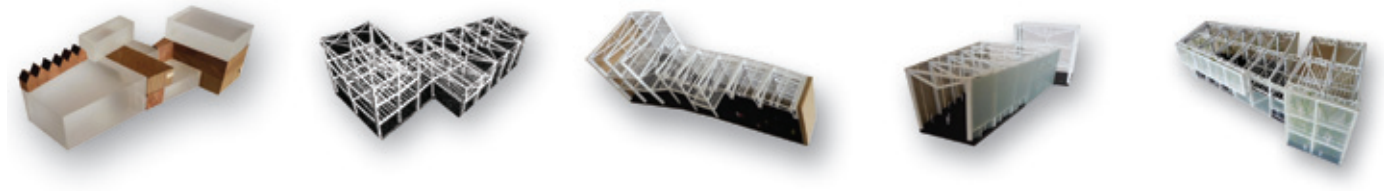


Shuli Zhangh · Project 4 – Urban Inclusion



Julija Dubovik · Project 4 – Urban Inclusion

BA(Hons)
YEAR THREE



Students choose to work in a number of appropriately themed studio units. Each studio unit has its own vision of contemporary global issues affecting and inspiring an approach to urban living and working. The year allows students to develop their own informed theoretical position through a number of projects of increasing complexity. Each unit works with an area of the city of Manchester facilitating local understanding and developing the critically important notion of context.

Students are encouraged to engage critically with a wide range of texts as a means of understanding issues and to develop their ideas through a wide range of methodologies. Drawing, making, filming, calculating, painting and modelling are all ways of encouraging form to emerge from idea and material. The understanding of city context is further enhanced by foreign study in other cities.

Speculation is encouraged on the nature of life, work and play in the future city.

Joanna Beal

The multidimensional nature of the city is reflected in a hybrid programme where social and environmental sustainability can meet multiculturalism; advances in materials for construction can meet history and landscape can meet place.

YEAR LEADER

Dr Geoff McKennan

TEACHING STAFF

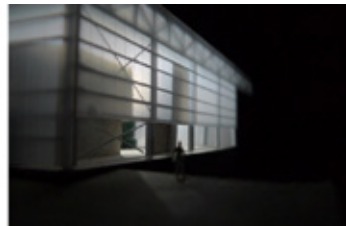
Craig Martin, Dan Kelly, Geoff McKennan, Harry Hoodless, Sally Stone, John Lee, Amy Hanley, Stephen McCusker, Ming Chung, Ronan Connelly, Dragana Opacic, Rob Hyde and Ashley Hunt

GUEST CRITICS

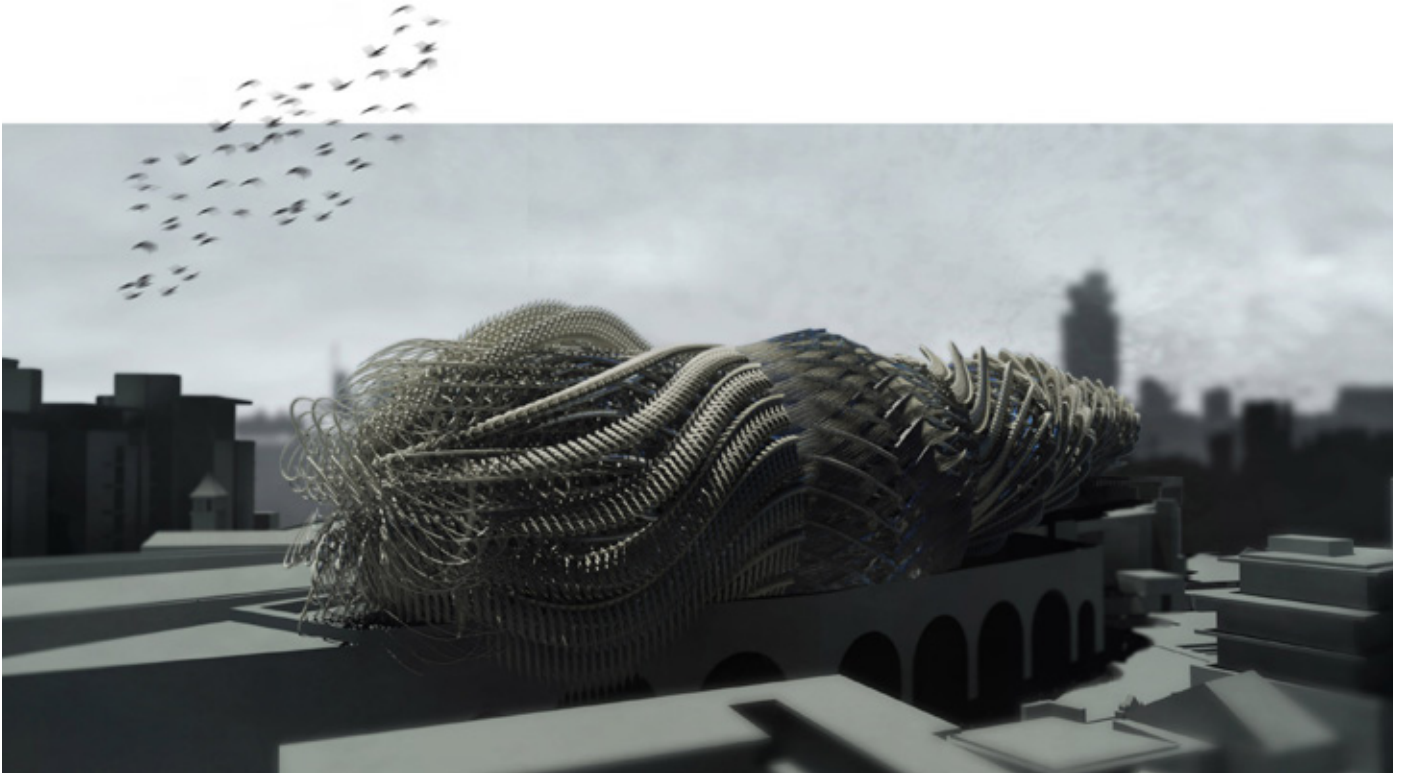
Neil Allen, Anthony Armitage, Matt Ball, Tom Bates, Steven Bentley, Gary Colleran, Sean Crummey, Mike Cunniff, Sarah Darwin, Kate Dougherty, Eamonn Doyle, Mike Hitchmough, John Joyce, Dan Newport, Alistair Ogle, Glenn Ombler, Mike Potter, Mike Potts, Steven Reynolds, Edward Rutherford, Craig Stott, Tony Ip and Siobhain Graham



Paul Lui



Andy Cheng



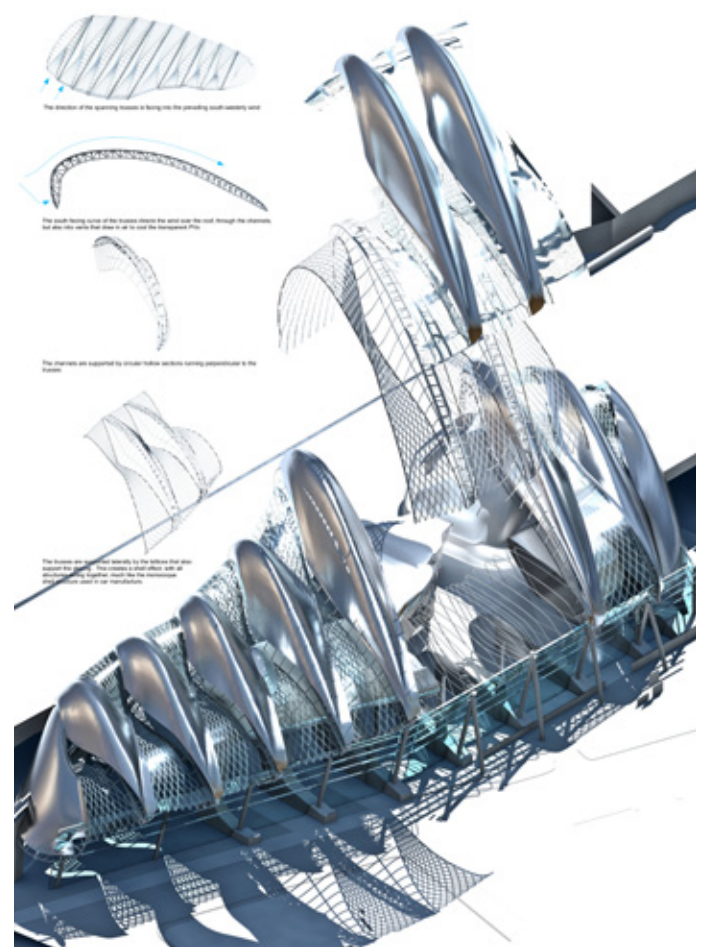
Natash Tariq · Para-Lab



Anna Lucas



Sophie Mitchell



Matthew Parsons Brown · The Tesla



Lisa Kinch Magdalena · Symbiosis

BArch **INTRODUCTION**

The Bachelor of Architecture course is a two year full-time or four year part-time degree for students who have completed the BA (Hons) Architecture course and the subsequent year in practice. The course comprises design studio, history & theory, technology, and professional studies.

The studio course is taught in small research clusters called units. Each of these approaches architecture and urbanism from a different specialised position, these include architectural philosophy, biomimicry, generative design, the historical city, economics and policy, and material culture. The units' agendas and programmes are driven by staff research and responses to contemporary events and issues.

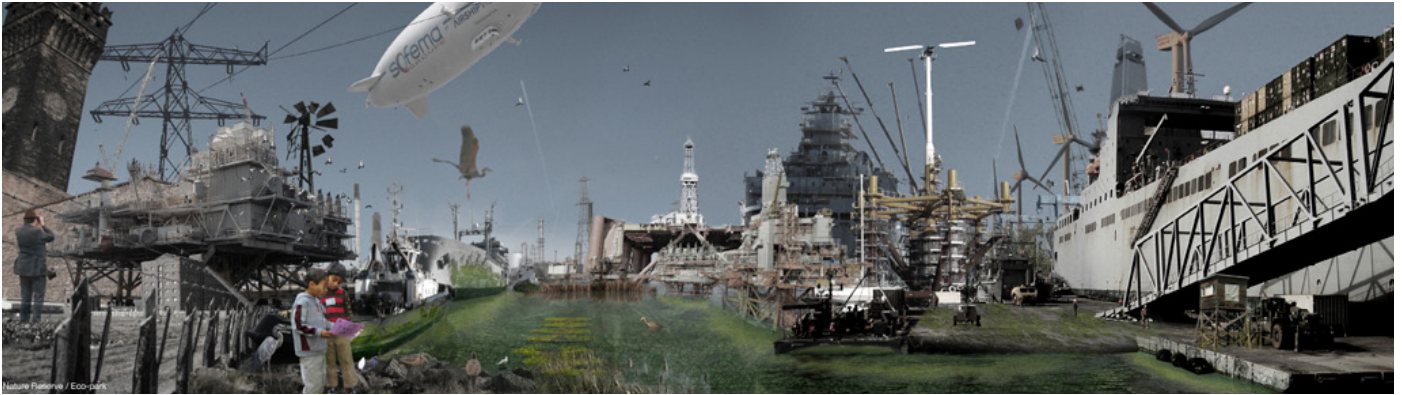
This year the BArch has offered a vastly expanded studio course of different units with six choices for 6th Year students and eight in 5th Year. The history and theory course is conducted through lectures and seminars. All the students wrote an 8–12,000 word dissertation. This was completed during the first year of the course. The technology component was taught

through lectures, seminars and discussion with consultants. All students were required to make a number of different submissions, including a written report, a power point presentation, plus a detailed examination of a building proposal.

The technology component was completed over the two years of the course and this exploration reinforced the student's studio proposition and relationships to climate change and sustainability. Professional Practice was supported by two lecture series. All students made a written submission at the end of each series. We have had a number of competition successes, including the team of Peter Millar, Jamie Potter, Stuart Wheeler and Andy Wilde, who won first prize in a major international architecture competition, *WPA 2.0: Whoever Rules the Sewers Rules the City*¹ run by cityLAB at UCLA, and Nandi Marshal Han who won the Student Travel Award sponsored by Kohn Pedersen Fox to further his research through travel to Tibet.

Study tours take place each year related to the studio units and this year students participated in a number of collaborative workshops in various locations including Hannover, Madrid, Naples, Stuttgart and the Veneto. We have an exchange system under the Erasmus (Europe) and the American/Australian exchange programme and also welcomed a number of international exchange students who joined us for the year.

¹ <http://wpa2.aud.ucla.edu/info/>



Extract from entry for WPA 2.0: Working Public Architecture design competition

Organised by the University of California's urban research and design centre cityLAB, the aim of WPA 2.0 is to encourage discussion about and investment in buildings that revitalise communities

The winning team from msa (left to right): Andy Wilde, Jamie Potter, Peter Millar and Stuart Wheeler collecting their prize in Washington D.C., November 2009

The msa students received fantastic feedback from the judges, and White House Director of Urban Affairs Adolfo Carrion praised the finalists for imaginatively engaging the future of American cities in his keynote address to the WPA 2.0 symposium



BArch

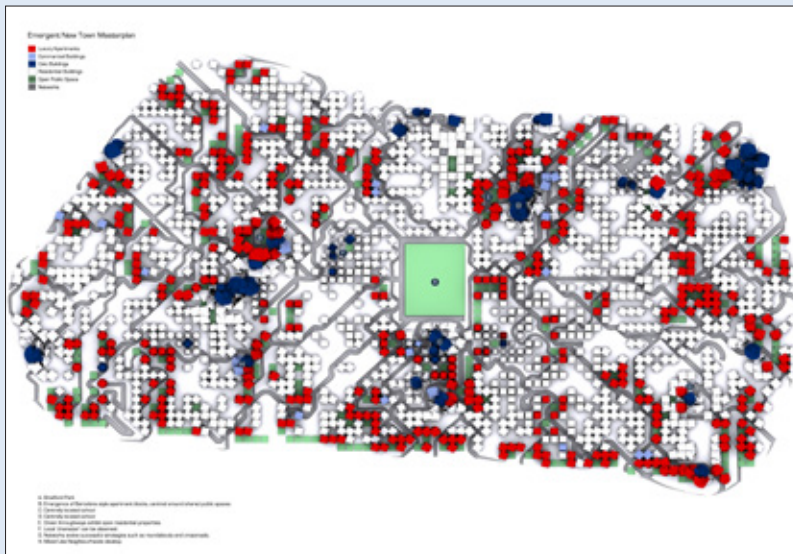
INTERNATIONAL EXHIBITION AND COLLABORATION

A key part of the strategic development of the BArch programme is the ongoing research-by-design work across the Studio Units and the dissemination of creative practice and innovative projects. This year a selection of work from msa graduate and postgraduate students is being exhibited as part of MIRIAD's contribution to the exhibition, *Power of Copying*, Xuzhou Museum of Art, Xuzhou, Jiangsu Province, China.

The six projects showcased consider how connections are made into the super-organism of the contemporary city and propose new cultural conditions. They explore the nature of the post-industrial landscape by analysis and synthesis of its conditions, leading to greater understanding of the contemporary context alongside appropriate design strategies and interventions. These projects explore the 'power of copying', whether using the iconic terraced housing of the industrial era as a vehicle for reinterpretation, redefining the spatial and cultural experience of the city, or using algorithms to reiterate logical solutions in response to spatial performance or policy. All the work illustrated here demonstrates the creativity, innovation and skills required to engage with the post-industrial landscape whilst offering new possibilities to [re]generate it. The exhibition ran from 14th May – 10th July 2010.

Dr. Nick Dunn · msa
Dr. Tongyu Zhou · MIRIAD

SUPPORTED BY:
Manchester Institute for Research and Innovation
in Art and Design · MIRIAD
<http://www.miriad.mmu.ac.uk/>



Daniel Richards, New Beswick Masterplan



Power of Copying exhibition
 Xuzhou Museum of Art
 Xuzhou, Jiangsu Province, China.

CONTINUITY IN ARCHITECTURE

Continuity in Architecture is a studio for the design of new buildings and public spaces in the historic city and interventions in existing structures. We reflect upon the persistence, usefulness and emotional resonance of particular places and structures. Historical solutions to architectural problems – cases that have emerged in real situations – offer a rich context for teaching, learning and research. Historic examples of city pattern, use of materials and architectural form provide a starting point for our studies.

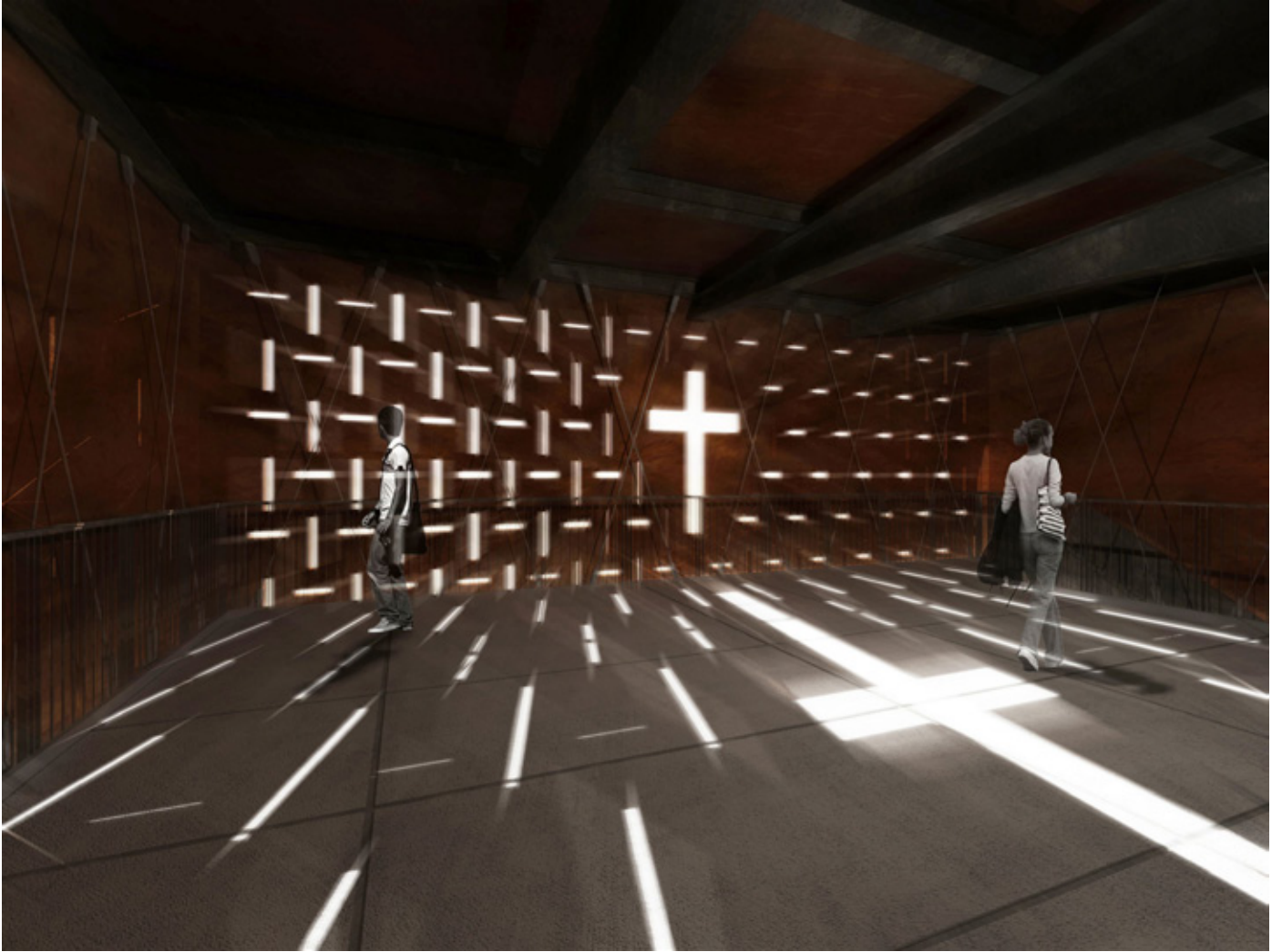
We are interested in the qualities of places that have persisted and we prefer a reading of history that stresses the permanence of tradition as the subject of architecture. Tradition in architecture in this context is the embodied meaning of buildings and cities produced by centuries of lived experience. Embodied meaning can be interpreted through building. Discovery and recognition are

a vital part of the design process – we presume that we have a duty to carefully analyse and describe a place before we can alter it. Can the legibility of architecture be increased through the establishment of continuity with history?

The architect brings order to the world through building. The artistic and scientific tools of the architect are brought into contact with the site and architecture emerges through a process of negotiation with physical context and lived experience. In this context *typology* (defined as a system of typical solutions to architectural problems) is enriched by coexistence and accommodation with the existing urban fabric. The importance of the retention of existing structures leads us to study building conservation, repair, and the detail of connections between new and old.

Building during any period of history represents a significant commitment of human, material and financial resources. The most successful cities have adapted urban patterns and buildings to uses never imagined by their original creators. We are inspired by the efforts of architects working within existing structures and urban fabric to produce a responsive architecture of narrative, space, intervention, and detail. We aim to show, through the example of architects engaged in critical practice, that the ideas and methods we examine in the studio have real applications.

During a time of transition, do not lose faith in architecture.



Law Shi Cheong Kurt

BArch

CONTINUITY IN ARCHITECTURE

YEAR 5 · BUILDINGS FOR HOME AND FOR SOCIAL LIFE IN VENICE

'A man who has not been in Italy is always conscious of a certain inferiority, from his not having seen what is expected a man should see.'
– Dr Samuel Johnson

The *campi* of Venice are special, the city is organised through them, the visitor navigates not by streets and intersections, not really by the canals, but by moving from one square to the next. Each area is defined by its *campi*; the field with the valuable reservoir of fresh water. Each has its own character, formed by the topography, the geography, the form of the surrounding buildings and the activities that happen within and around it.

The students each selected a square. They then carefully conducted a reading of the place; they looked at the history, the function, the scale and

the form, they examined the essential qualities of the place and from this analysis made a proposal for a new element to occupy a space within or around the square. They were asked to design a Room for Social Life, the form and the function of which would depend entirely upon their interpretation of the situation.

In the second semester the students transferred their story to another site within the city. The Campo San Barnaba contains a narrative beyond its own physical connection to the city. It is one of the most stereotypical of all Venetian squares. There is the ornate façade of the big church to the east, small shops and cafes to the west. The south side contains domestic residences, while the remaining side is open to the canal with a towpath, two bridges and of course, gondolas. David Lean and Steven Spielberg have

both taken advantage of the qualities of the place to aid the narratives of their films.

The project was on the site of the tiny antique shop where Katherine Hepburn was once again beguiled by the charms of Rossano Brazzi. The students were asked to design a Building for Home and Social Life in this small yet delightful situation. They were asked to examine how the relationship between the citizen and tourist be managed within the form of the city, what models and precedents exist for the architectural expression of the relationship between the private and public life of the citizen and how do we build in an environment of density, inundation and collapse?

Remember · Reveal · Construct



Michael Groves
Undercroft



Umayr Azam



Tom Cookson

STAFF

Sally Stone, John Lee, Dominic Roberts,
Laura Sanderson, Gary Colleran
and Neil Stevenson

STUDENTS

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Yuk Wah, Jenny Cook, Thomas Cookson,
Simon Davies, Seb Drayson, Michael Groves,
Nicholas Gurney, Christina Kim, Wang Lang,

Louise McKeown, Nicholas Mitchell,
Farah Molotoo, Amy Pearce, David Richards,
John Roberts, Josh Rollin, William Saville,
Rachael Smith, Lawrence Somerville,
Matthew Taylor and Jack Whatley



Matthew Anthony Taylor



Sebastian Baily Loyn



Jenny Cook

BArch

CONTINUITY IN ARCHITECTURE

YEAR 6 · FROM THE LIDO TO LAKE GARDA: PROJECTS IN THE VENETO

'A place where architecture ended and the world of the imagination or even the irrational began'
— Aldo Rossi

The sixth year projects this year were based around three sites in the Veneto region of Italy and within Venice itself. This is a geographical area stretching from the Venetian lagoon to Lake Garda. The area provides a rich context for the exploration of an urbanism born of crisis, an experimental architectural responsive to challenging environments, a dense fabric of building and memory. Venice is a palimpsest of urban topography. Its layers of history are written within the walls of the buildings, submerged within the structures of the canals, hidden within the streets and passageways. The very nature of the city is evidenced within the built forms of the city.

As part of the ERASMUS funded project entitled Archaeology's Places and Contemporary Uses, the students embarked upon the year with two weeks exploring archaeological sites in the Veneto. This provided the basis for much greater exploration and the definition of the final year project.



Alex Pritchett



Sophie Dean

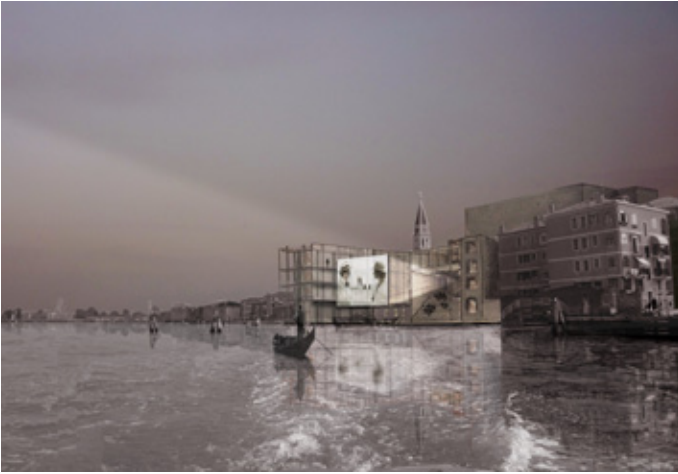
STAFF

Sally Stone, John Lee, Dominic Roberts,
Laura Sanderson and Eamonn Canniffe

STUDENTS

Peter Brown, Christopher Brown-Colbert,
Sophie Dean, Rachel Galpin, Emma Gander,
Nur Liyana Amer Hamzah, Marshal Han,
Wan Nurul Huda, William Lau, Kurt Law,

Luke McDonald, David Platt, Alex Pritchett,
Nor Azua Ruslan, Holly Wells, Katie Wright
and Aimi Shairah Zamani



Emma Gander



Willam Lau



Marshal Han



Rachel Galpin



Luke McDonald

CONTINUITY IN ARCHITECTURE

ARCHAEOLOGY'S PLACES AND CONTEMPORARY USES



Continuity in Architecture was one of four European partners in this collaborative project, along with Facoltà di Architettura, Università Iuav di Venezia; Escola Técnica Superior d'Arquitectura de Barcelona; and Universitat Politècnica de Catalunya, Facoltà di Lettere e Filosofia, Università degli Studi di Catania.

This collaborative project was funded by a grant from the Lifelong Learning, Erasmus Intensive Programme and it started with a two-week international student design workshop in the early autumn of 2009. The design workshop was based in Venice and the students and their tutors lived in the city for the two-week period.

The focus of the project was the architectural interpretation of sites of archaeological interest. Three sites in the area surrounding Venice

were selected for study, these were: Concordia Sagittaria in Trentino, St. Cassiano in Riva del Garda and Caldonazzo in Monte Rive. Students visited each site where they were given an opportunity to intimately examine the qualities and character of the place. The students were then asked to design innovative architectural proposals that provided protective coverings for the delicate and sensitive archaeological excavations.

The students worked in small mixed nationality interdisciplinary groups; each consisted of one person from each university. So, every collaborative group contained three students of architecture, working with one student of archaeology. Professional involvement included the resident archaeologist from each site, structural, lighting and plastic engineers,

archaeologists and lecturers in architecture from the collaborating universities.

This project built upon an already established relationship with Margerita Vanore of IUAV that was further developed in 2005 by Sally Stone of msa and Pilar Cos of UPC during the collaborative project 'Interventions'. The work that the students produced formed the basis of a travelling exhibition that reached Manchester in April 2010, on the third leg of the European tour. The results of the workshop, plus a compilation of papers written by the lecturers who were directly involved in the project will be published in the spring of 2010.

CONTRIBUTORS

Sally Stone and Eamonn Canniffe

STUDENTS

Peter Brown, Christopher Brown-Colbert, Sophie Dean, Emma Gander, Rachel Galpin, William Lau, Luke McDonald, David Platts, Alex Pritchett, Holly Wells

CONTINUITY IN ARCHITECTURE

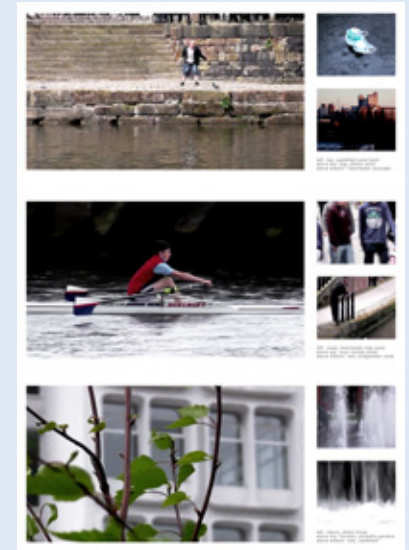
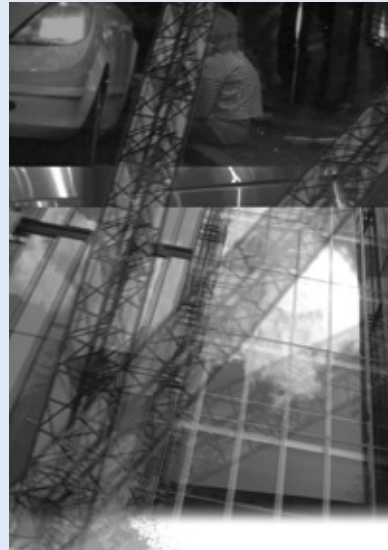
EXPERIMENTS WITH URBAN NARRATIVES

A cross-disciplinary and inter-university workshop and colloquium.

Colin Rowe and Fred Koetter describe 'the city as a didactic instrument' (Collage City), that is, a place in which a desirable discourse can be formulated and it is through these conversations that the evidence for the argument of interpretation is collected. The reading and understanding of the message of the city or of the individual building provides the basis for the discussion. The built fabric of Manchester has been produced over many centuries. Starting as field patterns and boundaries during the initial

occupation of the city, the linear routes moving from the river gradually became denser and more chaotic, 'undesigned'. As architects we rely on the unexpected encounter and combination of objects, buildings and spaces to give us an understanding of the present. The city lives in a historical context, the architect provides and orders forms through which the past and present combine or clash in meaningful ways. By the examination of the streets, paths, blocks and spaces of the urban environment the narratives embodied in the area can be read.

Workshop participants explored a narrative approach to understanding cities, taking Manchester as their object. Participants used filmmaking as their medium, paying attention to urban form, contextual relationships, social relationships, sensory experience, activities and movement. Four films were made by participants and shown at the CUBE Gallery, following a day-long colloquium which ended the workshop and discussed the results. A catalogue, website and research group have all been produced as a result of the project. (April to May 2010)



COLLABORATORS INCLUDED

Sally Stone & Dr Raymond Lucas
Manchester School of Architecture
Dr Amanda Ravetz & Dr David Haley
MIRIAD, Manchester Metropolitan University
Dr Bronislaw Szerszynski,
Senior Lecturer in Sociology
Lancaster University
Dr Claire Marshall
York University

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Dr Stephanie Koerner,
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Environment and Planning
University of Manchester

STUDENTS

Stephanie Chan, Isaac Crompton, Simon Davies,
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William Saville, Lawrence Somerville,
Lydia Cheung Yuk Wah and Jack Whatley

The term 'emergence' refers to the generation of successful formal and behavioural traits within complex systems. Accordingly 'Emergent Urbanism' understands urban form as complex systems that exist as many composite elements operating simultaneously with bottom-up controls to achieve emergent spatial morphologies. Key to our research is the integration of design and computation that affords a necessarily experimental and interdisciplinary working methodology which engages with the fields of urbanism, cybernetics, biology, data visualisation and

artificial intelligence. Through generative design methodologies we seek to develop emergent spatial assemblages that surpass explicit parametric definition which operate with unidirectional associate logic aiming to develop deployable design systems capable of the acquisition and embedding of collective spatial strategies within complex systems of physical matter.

The year started with responses to the *WPA 2.0: Working Public Architecture* design competition, the students developed radical processing strategies for expanded and adaptive

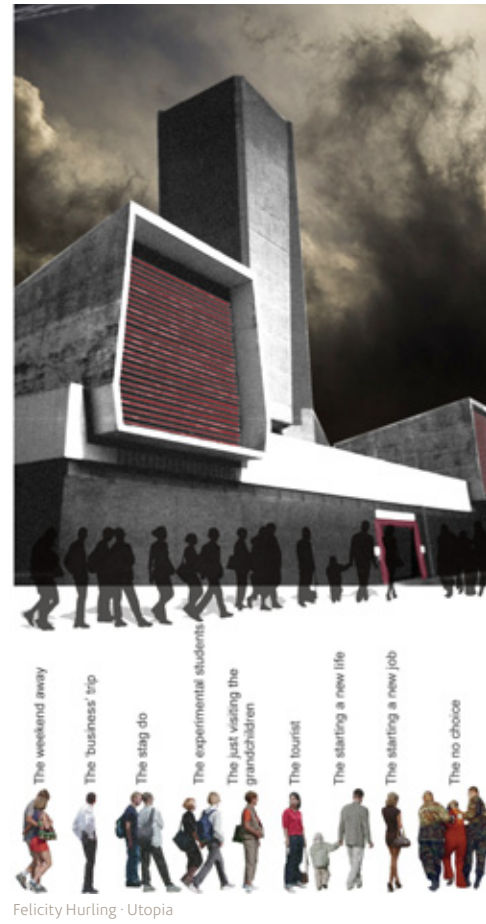
urban landscapes. This led to the consideration of urban utopias that were subsequently explored and defined through programmatic intent to develop performative systems in the context of Birkenhead. In January, following a successful international workshop in Hannover the students developed designs for pavilions using parametric modelling and algorithmic design systems that were subsequently tested through 1:1 prototyping and assembly using CAD/CAM technologies.

STAFF

Daniel Richards, Nick Dunn
and Richard Brook



Patrick Drewello · Utopia



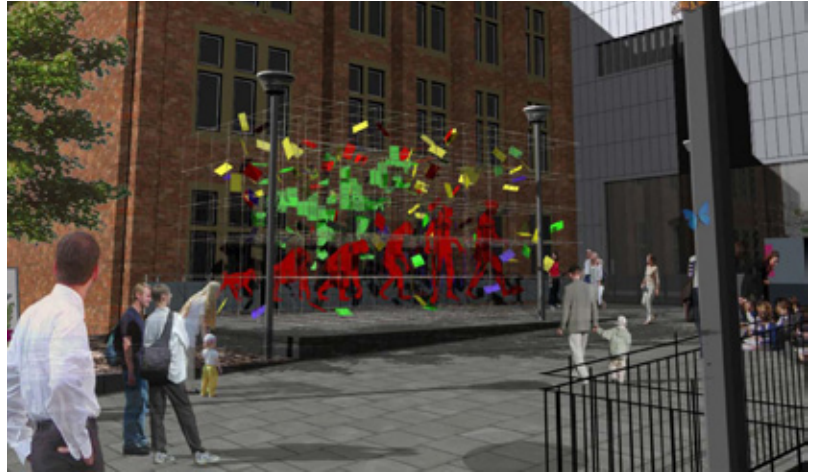
Felicity Hurling · Utopia



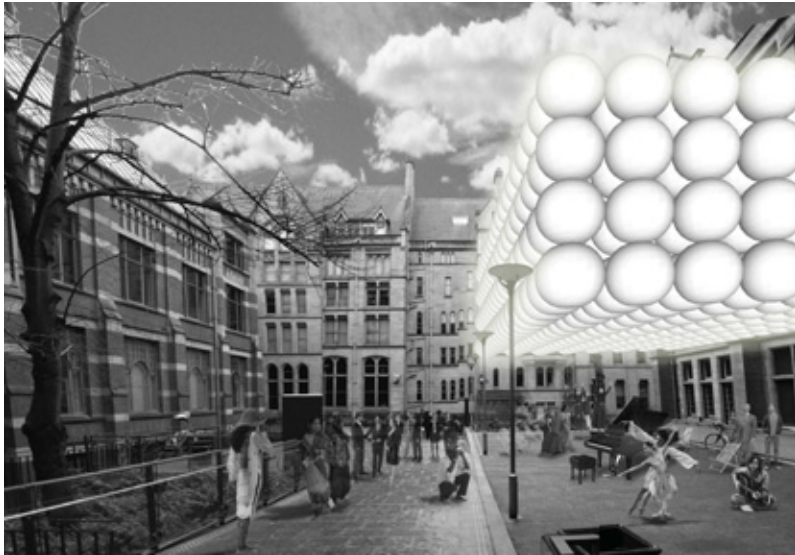
Joseph Haire · Utopia



Patric Drewello



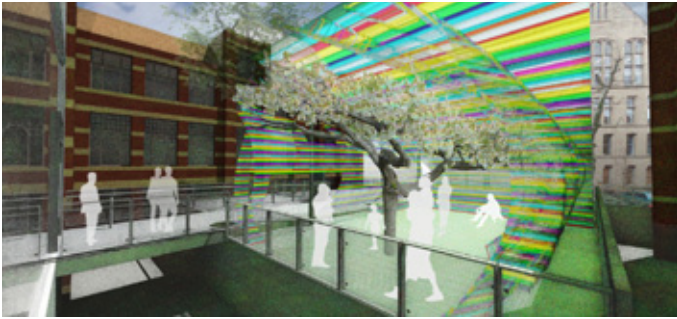
Ed Acres



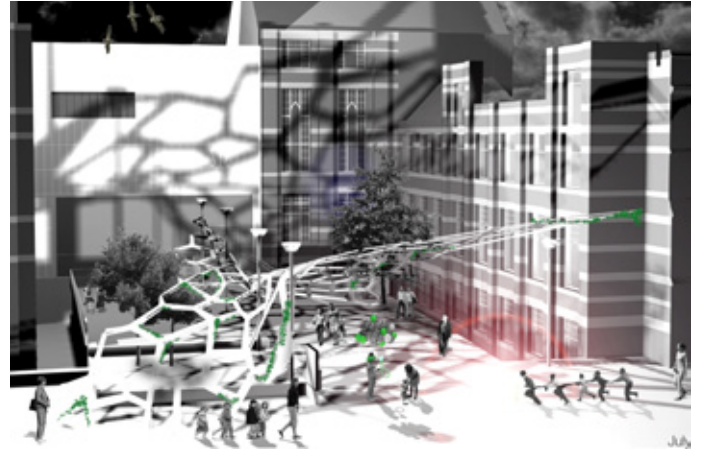
James Poynton



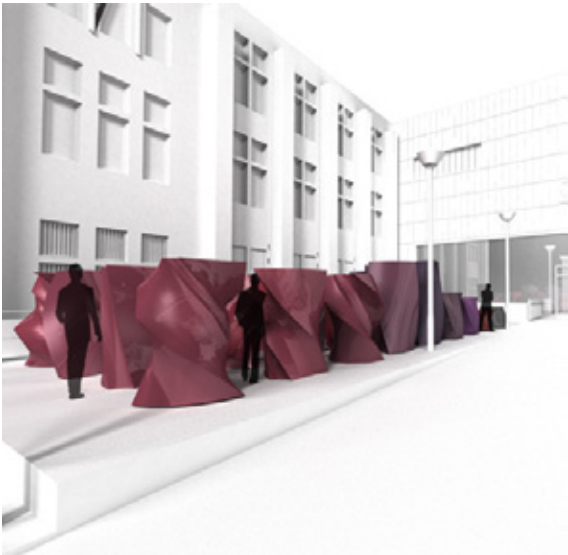
Joseph Haire



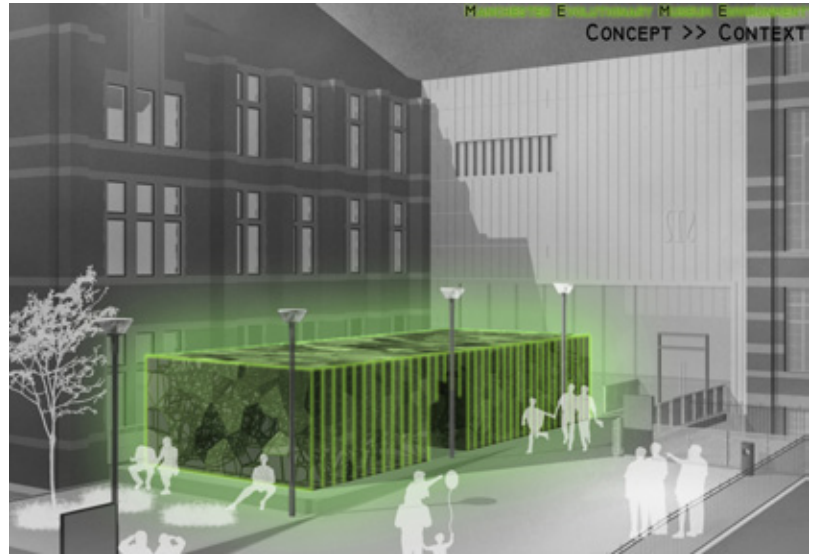
Graeme Mill



Felicity Hurling



Dicky Lewis



Craig Welsh

Within [Re_Map] rests an overriding pre-occupation with data, mapping, networks and visual re-presentation. Paramount to this focus is a view of the contemporary urban environment as a political, economic and cultural hybrid in flux and largely governed by unseen forces. By processes of data-mining and generative mapping based on parametric sets, we aim to reveal and revel in the latent conditions of the city. The value of design-led research and research-led design is fundamental to the ethos of the unit, as we strive to outstrip criteria and present new readings of existing situations to a wider audience of peers in the fields of urbanism, geography and computer science.

Our first operation this year was a rapid-fire response to the *WPA 2.0: Working Public Architecture* design competition. Organised by the UCLA's urban research and design centre, cityLAB, the aim of the competition was to encourage discussion about and investment in schemes that revitalise communities. A team from [Re_Map] beat six finalists from North American universities to win the competition and travelled to Washington to participate in a symposium with Stan Allen, Elizabeth Diller, Cecil Balmond and Thom Mayne.

BOOK

Isolative Urbanism: an ecology of control
bauprint (2009)

EXHIBITION

Shaping the Future: Heritage Open Days
Barrow-in-Furness (2009)

CONFERENCE

The City and the Control of Space
Metropolitan Desires: Cultural Reconfigurations of
the European City Space. MMU (2009)

The competition provided a springboard for ideas in and around our chosen site of Birkenhead, which would be the platform for studies into future utopias [year 5] and strategic trajectories for masterplan proposals [year 6], that would lead ultimately to building and landscape propositions, based upon a critical research foundation. The first semester typically concludes with the presentation of an essay that encompasses analysis of readings and a developed position concerning the unit's thematic alignments.

In January, following a successful international workshop in Hannover, the unit bifurcated to allow year groups to proceed along different research-by-design trajectories. Year 5 have developed 1:1 prototyping, manufacture and assembly through parametric modelling, CAD/CAM processes and other forms of visualization including 3D laser scanning. Year 6 have continued to refine thesis projects that encompass extensive re_programming of urban landscapes leading to re_definition, re_generation and re_use.

The outputs from this year will be developed as a series of exhibitions and papers based around the theme of infrastructural urbanism in much the same way that 08/09 led to the series of research outputs listed below.

INTERNATIONAL PARTNERS

Regina Sonntag · Institut für Städtebau und
Landschaftsplanung, TU Braunschweig
Volker Pietsch · Institut für Städtebau und
Landschaftsplanung, TU Braunschweig

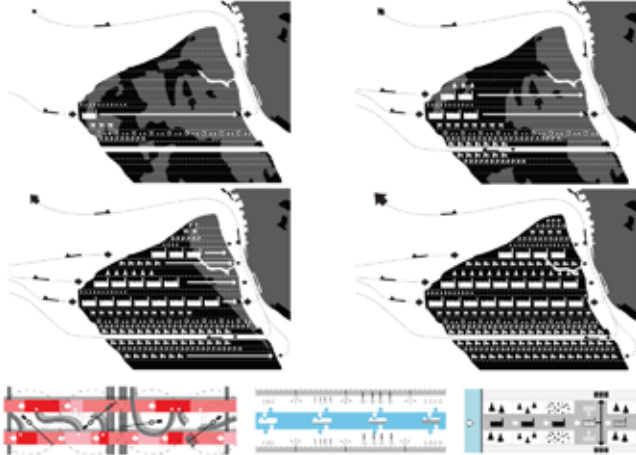
CREATIVE CONSULTANTS

Harbinder Birdi · Hawkins\Brown
Steven Renolds · Gifford

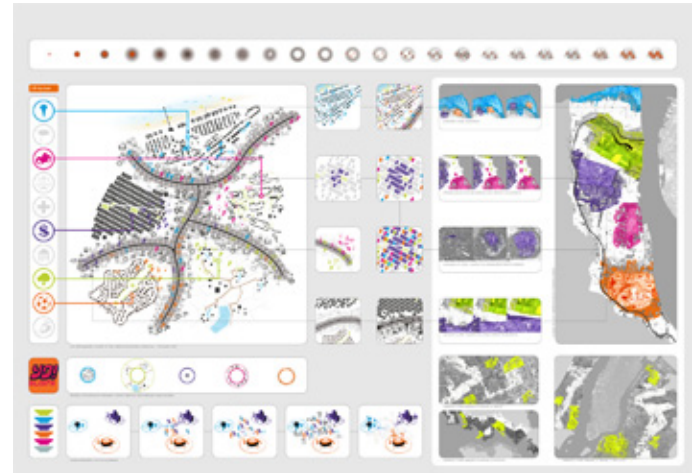


Andy Wilde, Peter Millar, Stuart Wheeler, Jamie Potter
WPA2.0 Competition

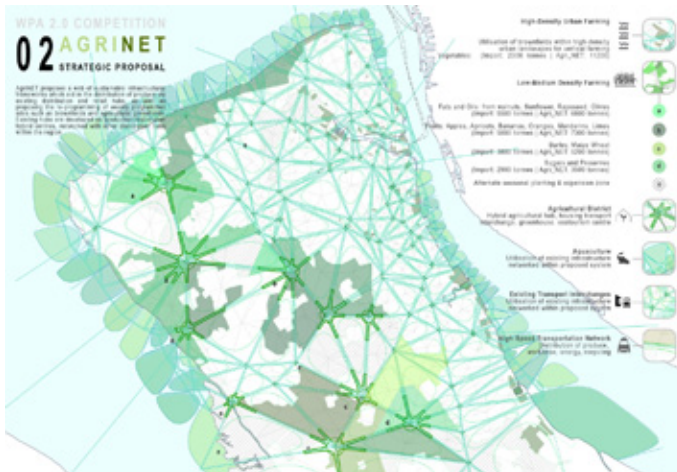
ASPIRATION OF ORDER



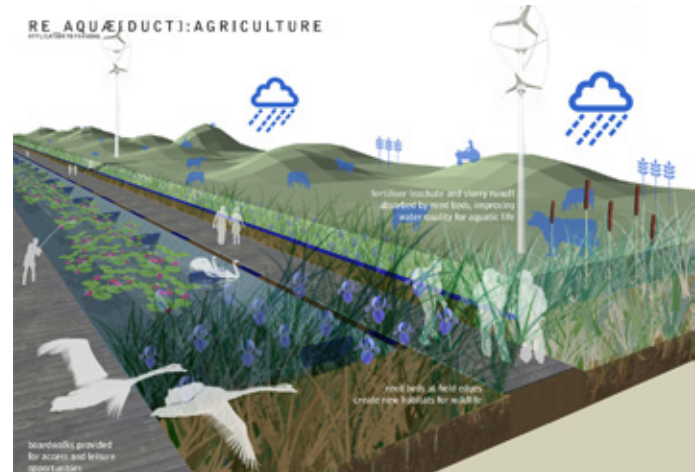
Joseph Haire, Felicity Hurling, Patrick Drewello - WPA2.0 Competition



Marco dal Toso, Jonny Wong, Andrew Watson, Matt Flannery - WPA2.0 Competition



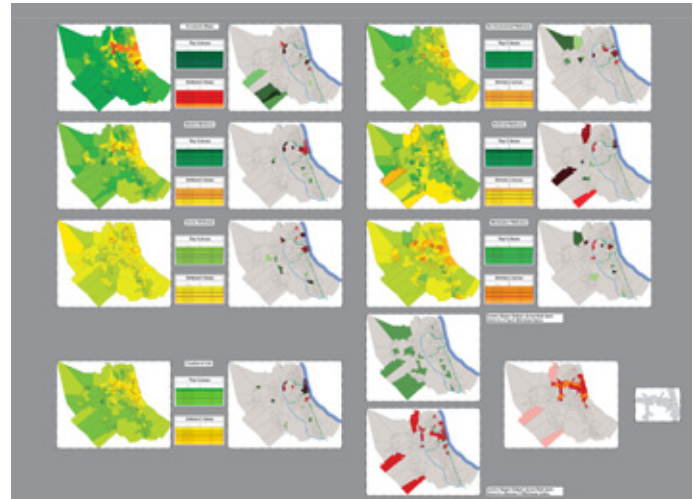
Romulus Sim, John Dent, Naomi Rowland - WPA2.0 Competition



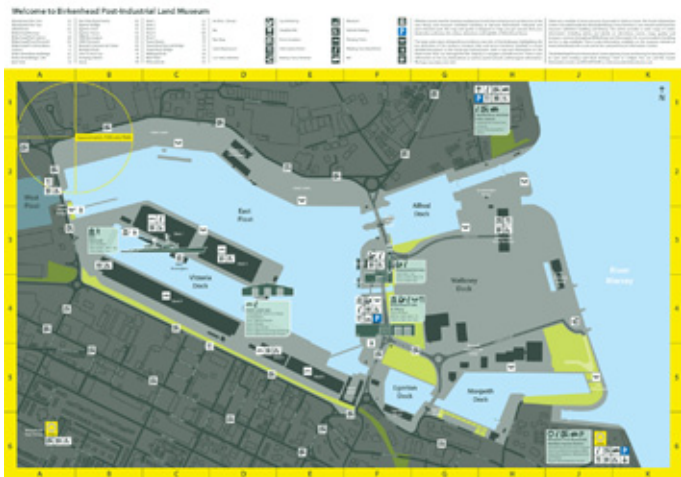
James Thorpe, Craig Welsh, Tim Marjot, Graeme Mill - WPA2.0 Competition



Tim Marjot



Stuart Wheeler



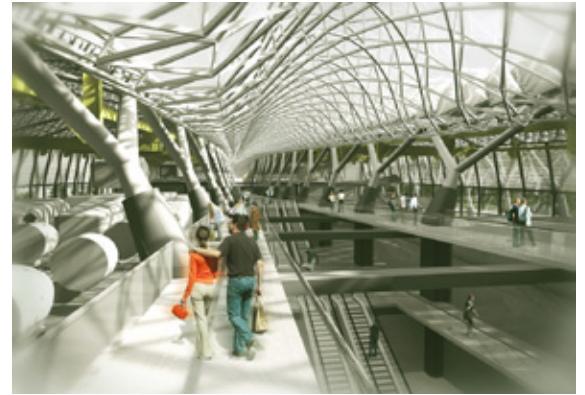
James West



Romulus Sim



Jonathan Djabarouti



John Dent



Keith Mapingire



Jamie Potter

RE_MAP & EMERGENT URBANISM INTERNATIONAL WORKSHOP, HANNOVER



This year students from Re_Map and Emergent Urbanism units participated in an international workshop in Hannover with European counterparts from TU Braunschweig, lauded by Peter Cook as producing some of the freshest new architectural talent. Ten years after Expo 2000, the students were asked to examine the state of the former Expo site and suggest possibilities for its regeneration, re-use or redistribution and examining the current state or location of the array of buildings. The site currently is vastly under occupied and many of the pavilions lie empty or derelict, though some of the more generic building types have become offices and education institutes. Many of the built objects were relocated almost immediately as the Expo concluded, though some were too permanent in their structural make-up to consider removal and too specific in their programme to provide obvious re-use scenarios. Perhaps the most renowned building of the event



was the Dutch Pavilion, a vertical park, designed by MVRDV at the height of their post-FARMAX fame; it is exemplar of both permanence and specificity as the precursors to ruin.

The Dutch Pavilion was the architectural draw of the festival and the figure 2,800,000, applied at the end of the Expo, signals the number of visitors that encountered the weirdly stacked world. Perversely, the conceptual thinking behind the scheme was one concerning '*man, nature, technology*' (the themes of the Expo and the vocal hook of Kraftwerk's *Expo2000* audio track) and symbiotic and cyclical systems; an ecology using vapour cooling, passive heating, biomass and wind generated power. The environmental contingency did not stretch to consider the post-expo landscape and the pavilion, devoid of windmills has been left to rot and vandalism since passing into private hands some years ago. The actual ownership of the site is now uncertain. The Dutch



government are reported to be mildly embarrassed at the scar they have inadvertently deposited on the outskirts of the city and are entering into negotiations to find a satisfactory reconfiguration of the existing condition. The rooftop restaurant shows signs of recent inhabitation by person or persons unknown – quite some address!

Working in teams in extreme weather conditions, the students spent three days analysing, recording and researching the cultural, social and political context of the site and its buildings. Fighting frostbite and visa delays the groups valiantly dedicated hours of work at the on site media-lab and developed and presented propositions based on their studies. The topic, unbeknownst to the organising parties at its inception, is a hot one in Hannover, sufficient to attract the attention of the local media and to warrant a representation of the ideas in a lecture at the Expo Plaza Festival in June 2010.





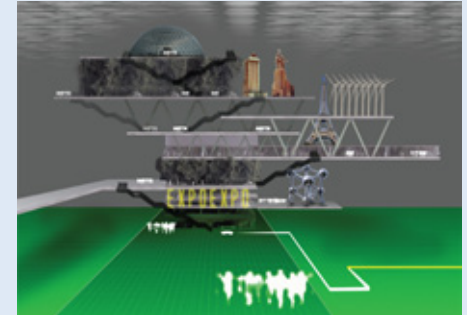
EXPO GARDEN

A reappropriation of the international cultural flavour of the festival by the propagation and cultivation of plants indigenous to the countries that once occupied the vacant sites of the lower section of the expo site. Rather than offer a built solution, the group felt that an alternative draw to visit the relatively isolated and peripheral location would be met by the provision of botanical gardens paralleled with a commercial nursery.



GLAUBE[al]

Building on the success of *The Whale* as a church, this proposal assumes the global characteristics of the festival and the potential of reinstating the mothballed high speed rail link, by the development of a multi-faith park. A egalitarian landscape based on algorithmic projections of visitors, their faith and nationality would provide neutral meditation and encounter chambers for the cross-pollination of faiths and ideas.



EXPO_EXPO

A gathering of all of the decaying and unloved monuments to World Expos and the kitsch replication of some that are treasured. A montage construction of assembled icons with a plethora of meaning. Are they monuments to an optimism of which we are now cynical? Are they demonstrative of a technology we now deride? Are they a spectacle or a dying dream?



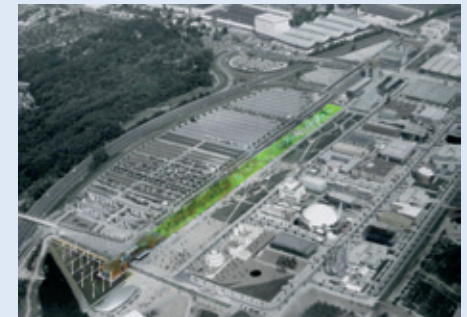
CONTINENTAL TEST TRACK

Inspired by ideas floated in the WPA 2.0 competition earlier in the academic year, this team saw the reignition of an invigorated industry with specialist facilities as the key to unlocking the potential of the Expo site. Drawing on the history of Continental in Hannover and imagining the integrated growth of the German motor industry in consumer and sports arenas, a new test track with a rebranded Dutch Pavilion as its HQ would provide for all manufacturers to work with Continental in research and development at the new centre.



DISPERSING A CULTURE >>

After examining the array of pavilions that had been relocated, either as originally intended, bought after the event or gifted, the students proposed the continued removal and relocation of disused pavilions. The scheme was underpinned by a social agenda and the buildings were to be put to use within the city of Hannover as children's nurseries, clinics and social centres at the expense of the authority and in the most deprived wards. The aim – to bring the world class architecture of the expo from its desolate position on the edge of the city and give it to the people.



CONSUMPTIVE LEISURE STRIP

Pursuing MVRDV's formative agenda, this team examined the compression of disused pavilions and their deconstruction to provide a unique leisure landscape for a multitude of urban pastimes. Implicit in the scheme was the collision of programme and an anticipated migration between disciplines and the 'consumption' of leisure.

BArch **PROTOTYPE**

The Prototype unit takes material as a primary resource from which to develop the possibilities of tectonic assembly and the exploration of architectural space. Experimental workshop processes are utilised to investigate ways in which 'analogue' hands-on making can inform the use of 'digital' contemporary technologies. We are interested in the development of a material practice that connects thinking and making. The reductive deployment of resources, materials and fabrication methodologies are regarded as opportunities in relation to a sustainable culture.

The studio is structured as a design led collective and experimentation within a workshop environment is encouraged. Material research is recorded in the form of 'made' books alongside an ongoing digital archive. This process of material investigation concludes with a one-to-one construction project.

In Session One a theoretical position with respect to contemporary material practices and manufacturing is developed to inform hands-on workshop activity. A replicable or modular component using a single selected material is developed and fabricated at one-to-one scale and subsequently investigated as a spatial system.

In Session Two speculative spatial systems that mediate between material and the inhabitation of public space are developed. This year a competition for the courtyard space at the Manchester Museum provided a 'live' brief and context for the design of a material environment. The selected design 'Reflective Room' is currently under construction and is due for completion by July 2010.

Prototype offers a distinct educational experience in Year 5 and forms part of a cluster of units with an interest in 'material culture'.



Prototype #01 Exhibition · Holden Gallery
17 December 2009



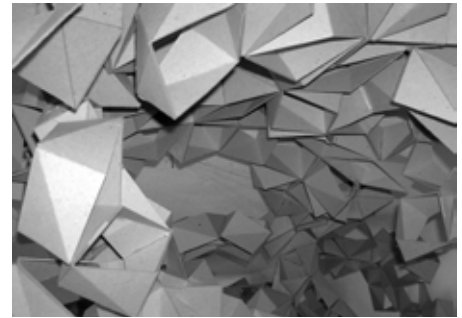
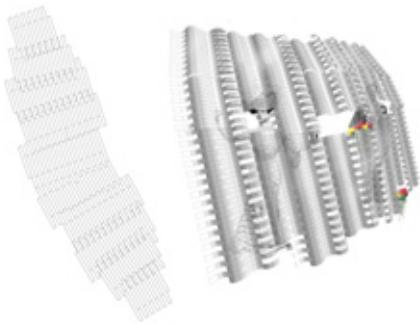
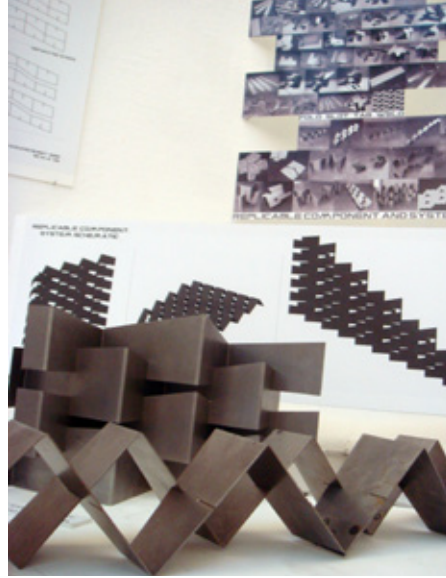
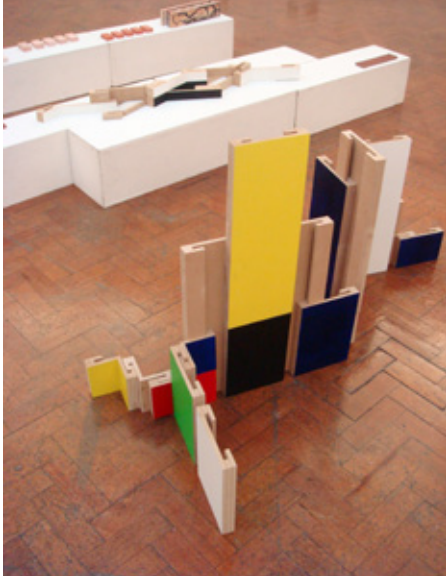
UNIT TUTORS

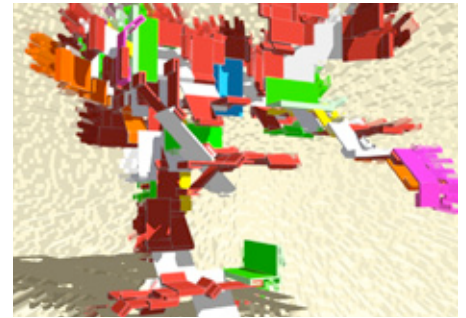
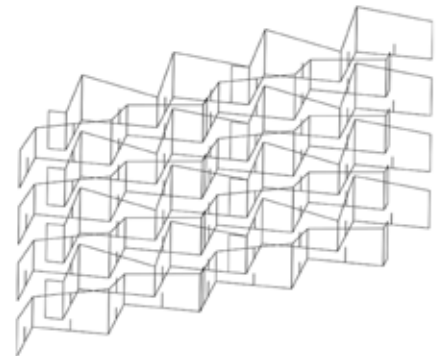
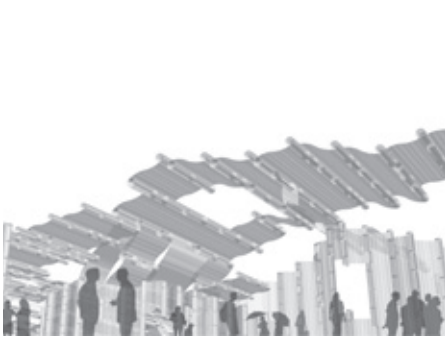
Nick Tyson + Ming Chung

PROTOTYPE #01

Joseph Ashton, Adam Atraktzi, Mark Bonshek, Adam Booth, Robert Broughton, Robin Burek, Megan Crouse, Spencer Fretwell, David Grahame, Kirk Hough, David Kent, Edward Martin, Alex Miller, Matthew Mills, Sarah Mulcahy, Rosie Nimmo, Anna Parker, Adam Raman and Avital Wittenberg







BArch **MATERIAL-SPACE**

Material-Space offers a distinctive educational experience in Year 5 but combines forces with a cluster of staff with an interest in 'material culture' in Year 6 to offer a single unit called 'Emergent Topographies'.

A collaborative discourse has developed throughout the year with IE University School of Architecture in Segovia that included a study tour and shared project in Madrid.

Material-Space is interdisciplinary and cross-disciplinary, engaging the education of the architect with philosophy, the social sciences and the fine and performing arts. Material is to be understood literally as the 'matter' that defines space and gives sensory value to surface experience. Space is considered as a material too for both architecture and art but also in the anthropological sense as 'frequented place'. We develop ways of documenting how the fabric of the city is animated and explore infrastructural and interventional possibilities for the colonization and appropriation of urban space. Critical research and studio projects help students to develop strategies and narratives for emergent and evolutionary landscapes at a range of scales and contexts.

Themes:

Matter – We have used the work of sculptors Eduardo Chillida, Rachel Whiteread and Victor Pasmore to explore how their work, thoughts concerning space, materials and processes of production might inform architectural practice - representations of landscapes, strategies for architectural form and spatial experience as well as the expression of built fragments and details. The experiences of casting, forming and fabricating alongside architectural speculation and reflection are seen as equally important as the objects made.

Culture – Our interest in the city follows a humanist tradition and is concerned with how the city is animated by cultural programmes and everyday rituals. We are interested in the 'ordinary', the way things are. The aim is to recognize the culturally diverse situations that add richness and pleasure to urban experience and to explore emerging architectural typologies where there is conflict, a mediatory position between the historical city and that characterised increasingly by communication technology and mass society. We develop documentary processes to observe and record how the city is animated

using interdisciplinary references that enrich cultural understanding and inform architectural thinking from the outside alongside experiential studies that reveal sophisticated and often intimate observations. A developing architectural theme is the 'common ground' or 'common room' as architectural proposition – shared spaces of engagement and transaction in the city.

Topographies – Places have their histories, spirit and uncertain futures. We are as interested in the manifestation of time over a site as a basis for topographic representation and architectural intervention as with the linear development of a site over time. We understand that no topographic representation is ever neutral and we continue to develop a range of investigative and analytical techniques to describe a range of conditions that include the geological, archaeological, climatic, human and economic.

Time – Time architecture is evolving as a fourth theme or agent that impinges on material, cultural and topographic circumstances – minutes, days, seasons and years that affect human experiences, the transformation of materials and the recycling or natural evolution of landscapes.

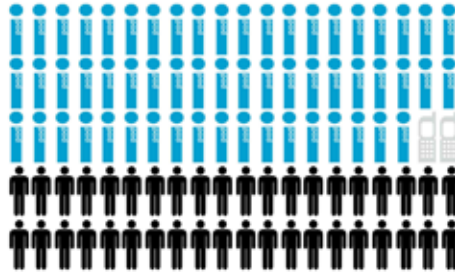


Matthew Wood



Richmal Wigglesworth

TUTORS
Rick Dargavel and guests

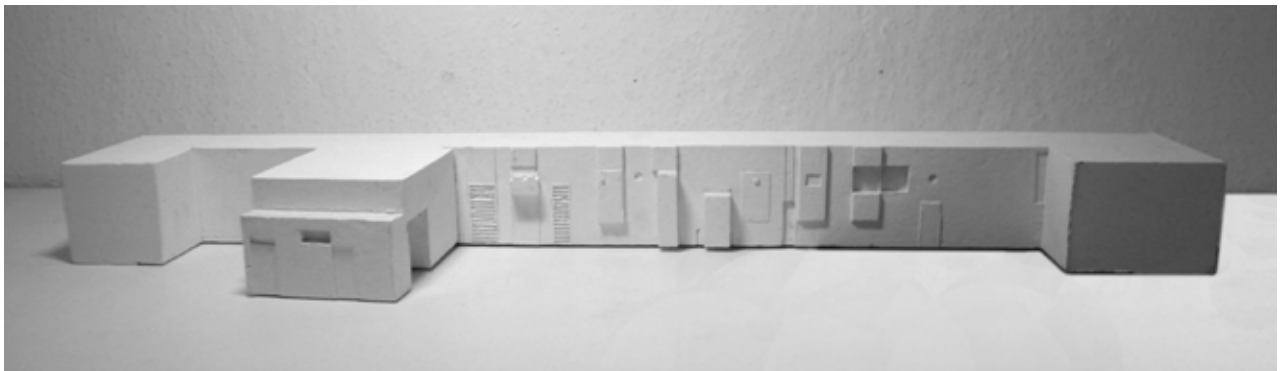


Sophie Bailey & Richmal Wigglesworth
Data mapping
Oxford Road Station

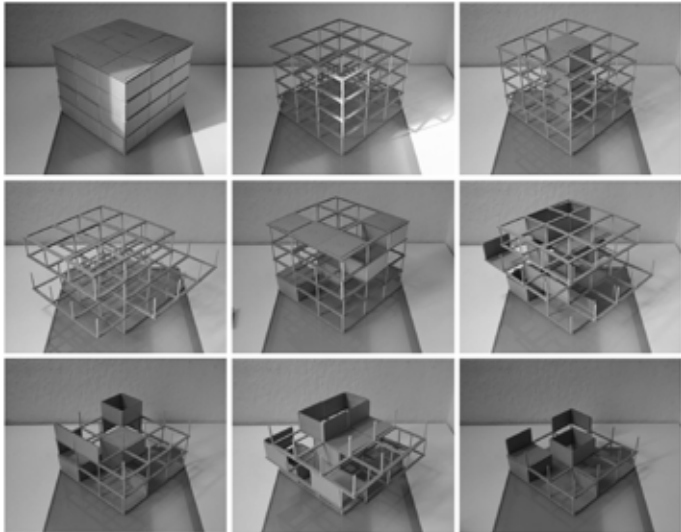
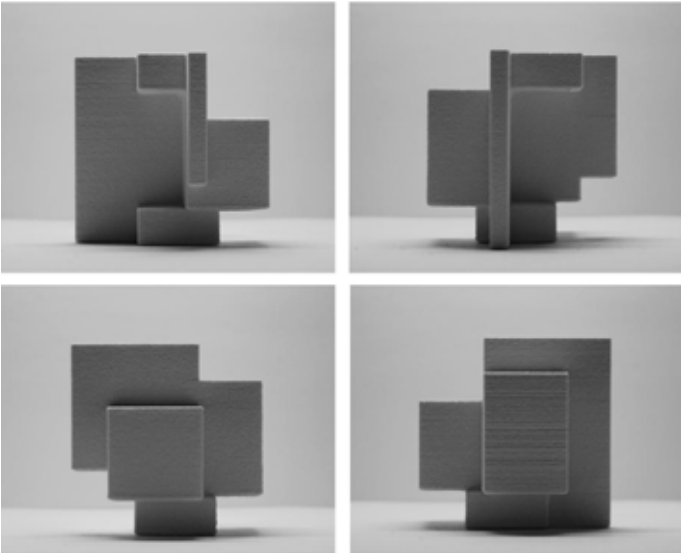
0.20m - isolation vs. the city



Sophie Bailey & Richmal Wigglesworth
Shelves
Oxford Road Station



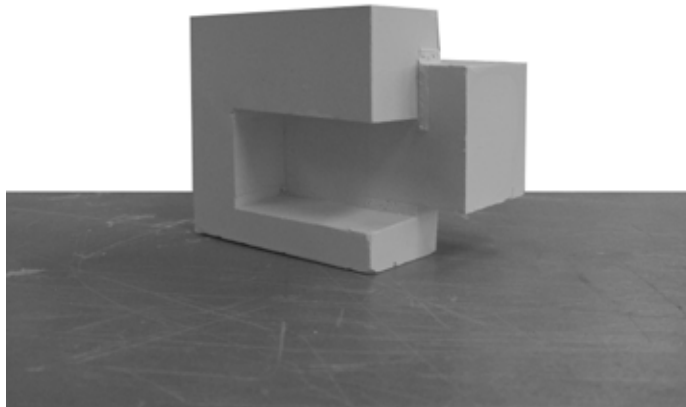
Jonathan Gillett · Surface Relief, Back Piccadilly



Jonathan Gillett



Matthew Wood



Richard Wigglesworth



Matthew Wood



Jonathan Gillett

EMERGENT TOPOGRAPHIES

This Year 6 Unit is offered by staff with an interest in 'material culture' – material in the physical sense, and in combination with culture as academic practice and in relation to human society. Implicit is the desire to make physical representations to test ideas, strategies and details, and for the purposes of reflective thinking and speculation during evolutionary design processes.

The title 'Emergent Topographies' is intended to suggest that sites should not be considered 'cleared' and devoid of meaning, neither complete nor abandoned as fixed entities, but as evolutionary human and physical landscapes.

We are interested in exploring positive, diverse and sustainable evolutionary strategies and cultural programmes for urban and rural

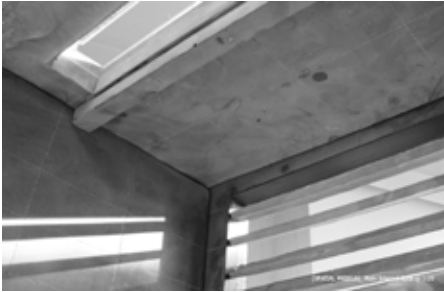
topographies that do not have a use any more, places that have been abandoned, marginalized or isolated – in opposition to the common cycle of short-term usefulness, abandonment or wholesale redevelopment. These sites are the result of economic decline, obsolescence and isolation, subject to neglect but also to appropriation over time by both humans and nature.

The challenge for everybody was responding to extensive landscapes with unique topographic, climatic and cultural conditions. Examples of the diverse contexts included Gunkanjima (Battleship Island off the coast of Nagasaki – an abandoned coal mining community and once the densest settlement on earth – Junction 31 on the M6 motorway, a hub for activism with outreach

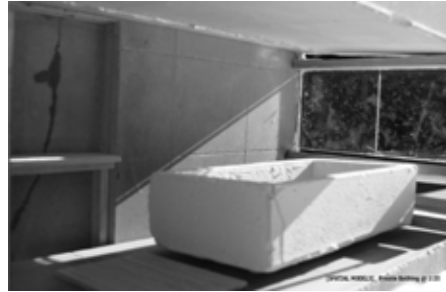
facilities in New York City, a 2km long disused steelworks site in Wales, a polluted post-industrial river valley in Manchester, and the site of the 1936 Olympic Games in Berlin.

Landscape adjustments and architectural interventions are generally hybrid in nature and evolutionary over time – the result of rigorous processes of research, mappings and physical representations to disclose topographic, cultural and temporal conditions and possibilities.

Fictional narratives have added poetic richness to some distinct thesis propositions developed over the year.



Fraser Martin
Battleship Island, Japan

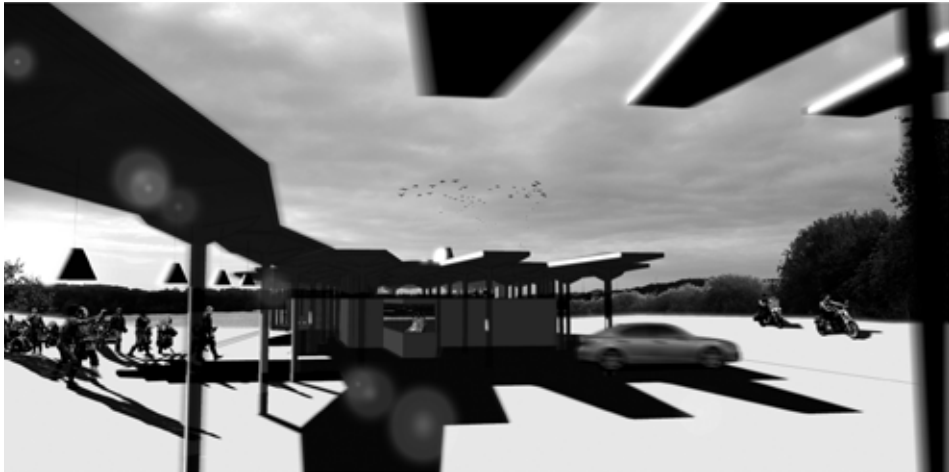
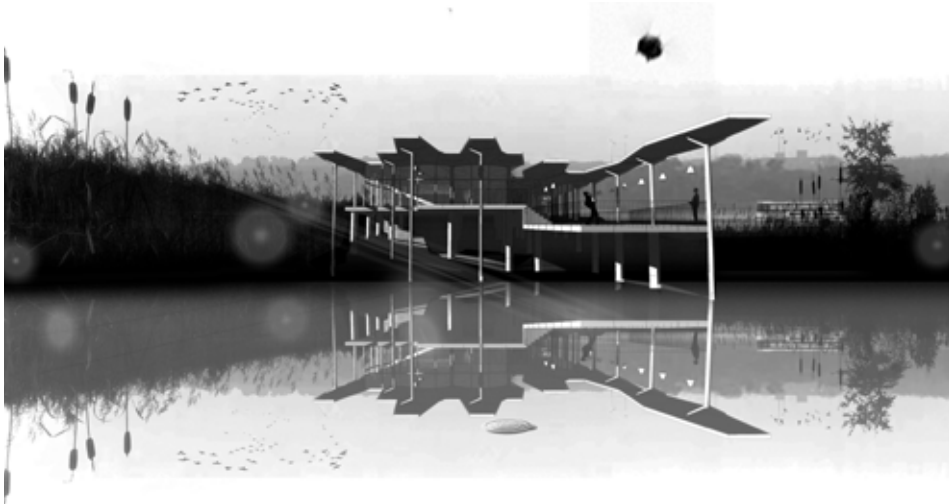


TUTORS

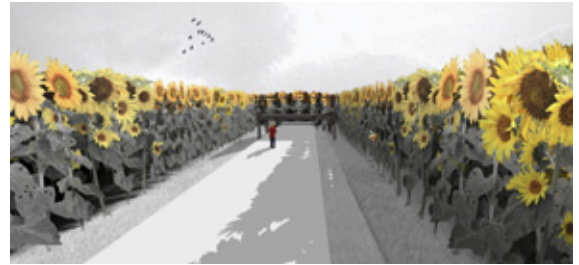
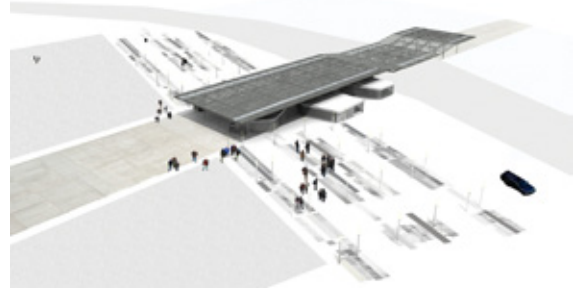
Rick Dargavel, Nick Tyson
and guests

STUDENTS

Ruth Chadney, Stephen Connah, Ben Goble,
Tom Humphries, Sarah King, Nick Learoyd,
Richard Lowe, Fraser Martin, Paul Matthey,
Becky Mills, Ed Nicholson, James Phillips,
Ken Teerapat and Alex Wong



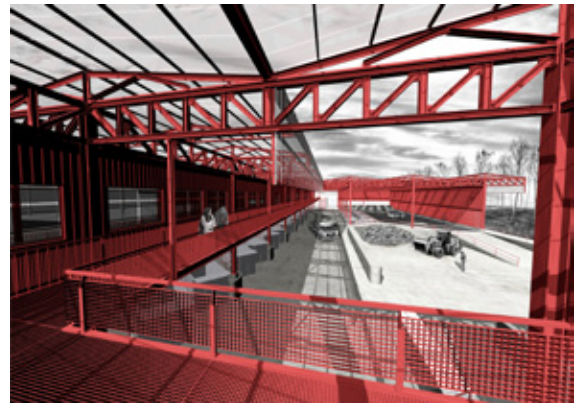
Stephen Connah - Robinson at Junction 31, M6



Nick Learoyd - 1936 Berlin Olympic Site



Ruth Chadney - Hub for Activism, NYC



Ed Nicholson - Former Steelworks, Newport



James Phillips - Cement yard, Digworth, Birmingham



Tom Humphries - Recycling Depot, Irk Valley



Ben Goble - Research Station, Chernobyl



Becky Mills - Mayfield Station, Manchester

BArch
MATERIAL-SPACE
MAD-MAN

**INTERNATIONAL COLLABORATION
& WORKSHOPS IN MANCHESTER AND MADRID
WITH IE UNIVERSITY SCHOOL OF ARCHITECTURE, SEGOVIA**

The desire to collaborate with IE University in Segovia developed during EAAE/EHNSA Sub-network Workshops on Architectural Theory in Lisbon and Trondheim. These workshops create a dialogue between academics from a range of institutions across Europe and bring together educators with common concerns for architecture and urbanism.

Our interests focussed on residual and transitional spaces in the cities of Madrid and Manchester. In Madrid we observed the former industrial Mendez-Alvaro area from Atocha Station to the City edge and in Manchester, the alleyways of Chinatown and Back Piccadilly – sites of intriguing realities, histories and possibilities in opposition to the ubiquitous consumerist and corporate city.

In Madrid we took a sort of Merz approach to fusing any or all of what we could see, find or perceive into a collage, an abstract decoding of a place, as a basis for a possible re-coding of an evolutionary urban landscape.



Manchester



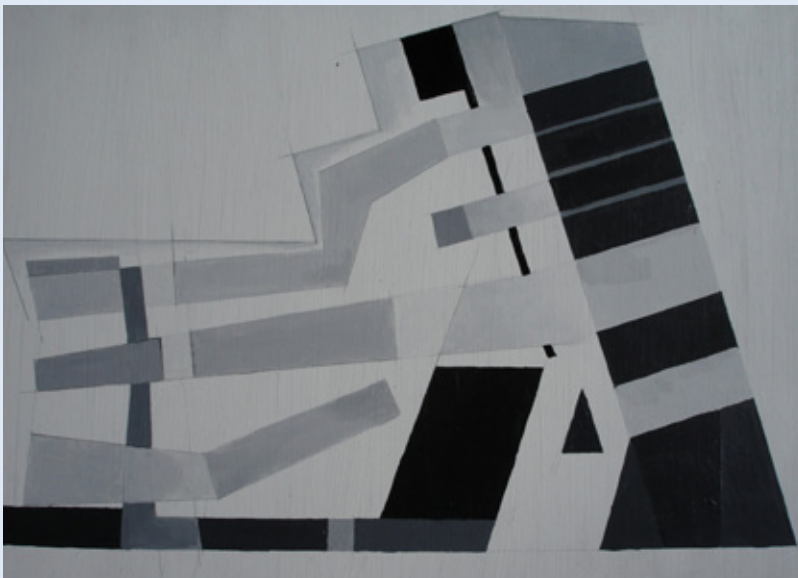
Madrid

STAFF

Rick Dargavel, Dr Concha Diez-Pastor Iribas

STUDENTS

Sophie Bailey, Jonathan Gillett,
Richmal Wigglesworth, Matthew Wood,
Marco Bartoluci, Katarzyna Gierbienis



decoding and recoding collage by Matthew Wood

***The Urban Matrix Studio –
Napoli Palimpsesto***

‘Place, at least in the view of the anthropologist, is a space long taken over by human beings and where something is said about relationships which human beings have with their own history, their natural environment and with one another.’
— Marc Augé

‘It can happen on the freeway, in a city that we do not know, or even on the way home. It is a frustrating, embarrassing and at times ridiculous experience. We are put in a position of being displaced, misplaced.’ — Franco LaCecla

This year we investigated the body and its relationship to architecture within the cultural context of four non-places located in the *Decumano Maggiore* quarter of Naples, Italy. Students were *placed* into frustratingly unfamiliar situations through a series of ostensibly disparate exercises which were accompanied by theoretical readings. These seemingly unrelated explorations were orchestrated to force the students to confront their own preconceived notions of design.

Throughout the first term, students explored the meaning of place through the medium of film. Projects emphasised collaboration: a *film workshop* with students from msa-p led by Stefan White, followed by *Heterotopia Sequences* workshop conducted in Salerno, Italy with students from the Università degli Studi di Salerno

and Washington State University in the US led by Alessandra Como. In the latter workshop British, Italian and American students were asked to investigate the potential relationships between Manchester, Naples, and Chicago within specific sites chosen by the tutors from each school. British and Italian students collaborated in groups while the Americans students contributed via the internet. Students were asked to use film, or the moving picture, as the means of exploring and communicating their perceptions of the sites. British and Italian students together also visited the *Decumano Maggiore* quarter of the city, with the former group interjecting visits to SIRENA, a non-profit organisation focused on regenerating the impoverished Spanish Quarter; Naples’ renowned National Archeology Museum; and Naples Underground, the subterranean aqueduct system which dates back to Greek and Roman times that was also occupied as a shelter during WWII. The study trip also included stints to Paestum, Pompeii, and the Amalfi Coast.

Students returned to Manchester to explore in greater detail the *Decumano Maggiore* and the four non-places within it through a collaborative research matrix created by all members of the unit. Once the group matrix was completed, students were then asked to analyse unrelated intersections found within the matrix and to conjoin elements from the group analysis with their own personal interests which arose from their time in the greater Campania region.

Into the second term, students were asked to develop proposals from their group and personal matrices, based on a reading in *Everyday Urbanism* by John Kaliski, an American urban designer and theorist. Since changes outside the realm of architecture often block masterplans from being fully implemented, Kaliski questioned the finite nature of these approaches in urban design whilst advocating in their stead more flexible approaches which try to take into consideration possible changes. Shifts in political administrations, socio-economic conditions, crime, and climate change, Kaliski argued, suggest that we design our urban environments with spaces and buildings which explore notions of adaptability, flexibility, and appropriation as means of accommodating such potential changes.

Naples, with its palimpsest of loaded meanings embedded in its physical and metaphysical layers, has accommodated change dating back to its creation as *Neápolis* (New City) by the Greeks. Its vibrant *Decumano Maggiore* quarter, with a scattering of non-places within, therefore, became a logical choice to examine possibilities by reactivating the said non-places with the reintroduction of the human body. The richly textured urban fabric thus became an intellectual forum for a group of enthusiastic *displaced* British students to look beyond the present by incorporating design strategies which could potentially accommodate the future layers of the city’s palimpsest, making Naples a perpetually new city.

UNIT LEADER

George Epolito

STAFF

Griff Evans
with guests Dan Farshi, Craig Martin
and Colin Pugh

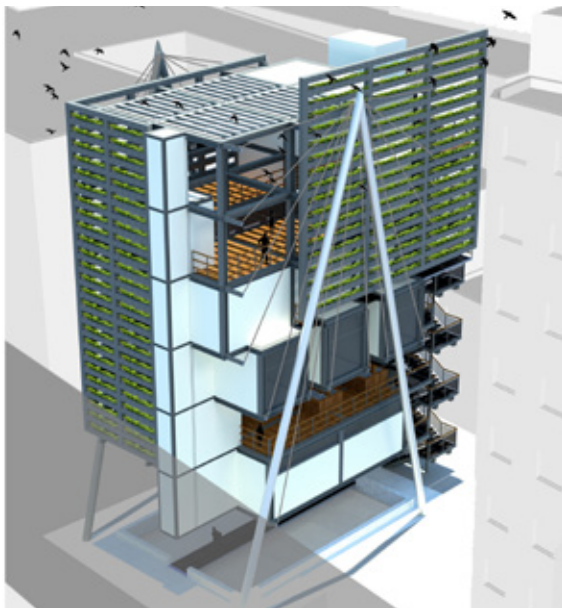
WORKSHOPS

Film with MSAP Barch Unit,
Stefan White and Helen Aston

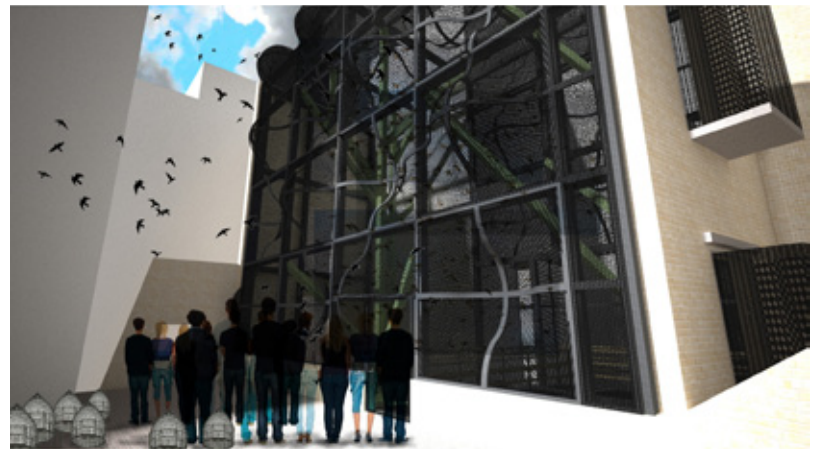
Heterotopia Sequences with Università degli Studi di Salerno, Italy and Washington State University, United States, Alessandra Como, PhD, Professore Associato di Composizione Architettonica e Urbana, Università degli Studi di Salerno with Vittorio Santangelo, PhD candidate, Università degli Studi della Basilicata and Maria Totaro, architect and film director



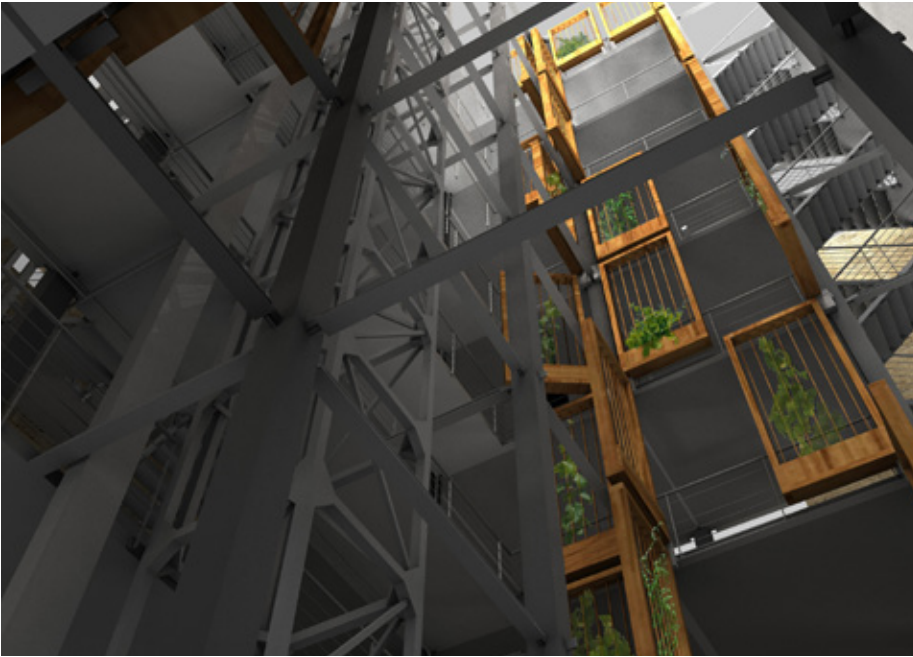
Fraser Hall - Underground Museum



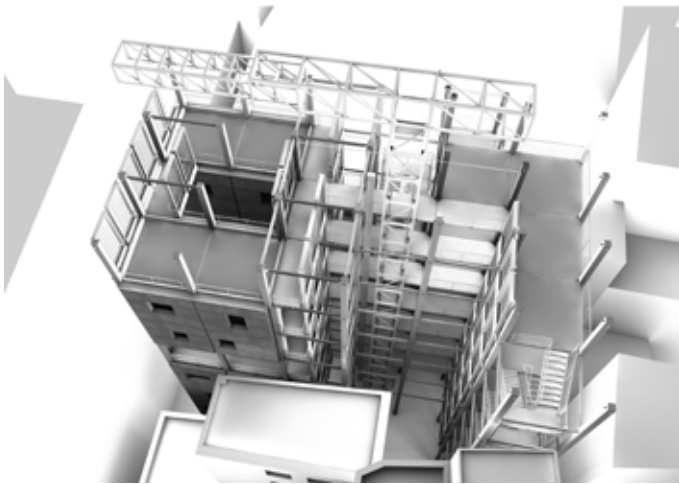
Emily Young - Site 3



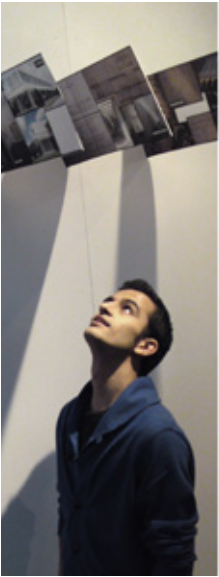
Jesse Davison-Hulme - Site 3



Arjun Rajah · Vesuvius Relief Prototype



Maryam Osman · Site 4



Comparison of Architects



James Matthews · Conceptual Ideas Poster



Michelle Tomlinson · Site 3



Naples Underground visit

BArch

DISPLACE / NON-PLACE HETEROTOPIA SEQUENCES WORKSHOP SALERNO / NAPLES, ITALY

CITY SPACES - HETEROTOPIA INVESTIGATIONS

The multi-cities laboratory found its theoretical origins in the concept of *heterotopia*, as defined by the third principle in Michel Foucault's text *Of Other Spaces: Utopias and Heterotopias* where a *heterotopia* is defined as a space capable of juxtaposing in a single real place several spaces initially considered incompatible.

The concept of *heterotopia* provided an opportunity to introduce an imaginary level of interpretation set within reality. Whilst utopian places are nonexistent spaces, *heterotopias* are material and immaterial at the same time, being related to a specific and real place as well as potentially engaging with other real and/or imaginary sites. Along these lines, space is not restricted any more by the confines of traditional Cartesian dimensions which give it clarity.

Instead it is defined by multiplicity – by layers of meaning which result from various imaginations, associations and experiences.

The work was based on a trans-disciplinary laboratory of design on three urban sites in Naples (Italy), Manchester (UK), and Chicago (USA). Italian, British, and American students worked separately at first in creating a network of information through videos, texts, and images which was then exchanged from one group of students to another. The combination of the exchanged networks of information constituted the basis for the design work.

The theoretical position of the workshop stressed that architectural design was strongly connected to a specific site, but could also be related to other sites – real and imaginary – through a personal and poetic process of association which, we argued, could be at the core

of creativity. In other words, every space could potentially become a *heterotopia*. The goal of the workshop was to study urban environments with an approach which, in contrast to a more traditional and scholarly one, introduced levels of complexity, creativity, and personal interpretation, involving a relationship between reality and the imaginary, near and far, physical and mental.

In keeping with Foucault's thoughts, the process was to be plural and had to make use of fragmentation to create relationships between images and traces from the various sites. The resulting work, grouping British and Italian students in Salerno, was experimental and visual, yet set within the critical framework of the theoretical position. The laboratory served as a forum to explore the concepts of space and place, by questioning and then reflecting upon issues of identity and localised idiosyncrasies.



Heterotopia Sequences
Gruppo 12 city levels

PARTICIPANTS:

Chicago Unit:

Washington State University students
with Phil Gruen

Manchester Unit:

Manchester School of Architecture students
with George Epolito

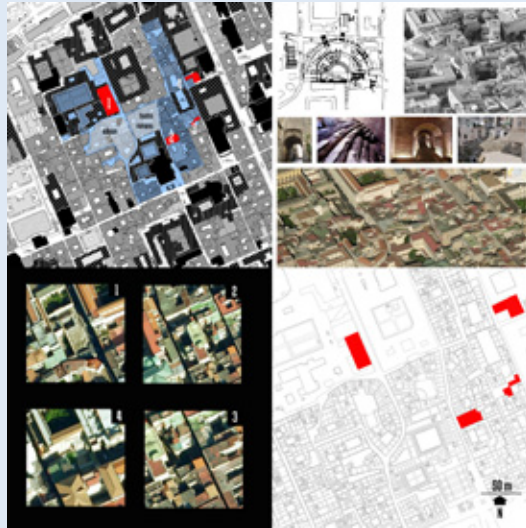
Naples Unit:

Università degli studenti di Salerno students
with Vittorio Santangelo & Maria Totaro,
architect and film director

Organised by Alessandra Como,
Università degli Studi di Salerno

Original text by Alessandra Como,
edited by George Epolito for this publication



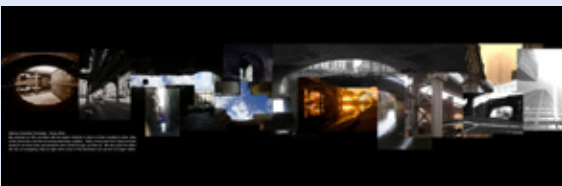


Heterotopia Sequences - Gruppo 15

Decumano Maggiore site, Naples



Heterotopia Sequences - Gruppo 8



Heterotopia Sequences - Light and Dark Strip

Biomimetic architecture relates to the dynamic between climate and living organisms, seeking to work with rather than against the external environment. It concerns itself with the ecological interpretation of climate as a major contextual generator, and with benign environments using minimal energy as its target.

Bioteecture finds its muse in the natural world, more pertinently from the processes, anatomy, and function of site-specific flora and fauna. Biomimetics; the abstraction of good design from nature, does not slavishly adhere to nature's composite imitation. Employing research by design methodologies, the unit embraces digital design technologies developed and applied in the framework of biologically inspired processes. Put simply, nature is the largest design laboratory that ever existed and ever will. While Biomimetics does not exclude emulating form, we are interested in the processes and systems in which all design resides.

The unit challenges the notions of 'sustainability' and how contemporary ideologies may be translated into living systems with a future, rather than future living systems. Developing broad areas of research that promote holistic rather than exclusive architectural models for sustainable design and filter this enquiry through a range of projects both locally and globally. We merge an astute selection of observed properties with sophisticated artificial technologies and thus inform their subsequent hybrid development. Emphasising ways of thinking and designing that brings architecture into a process of ecological and biological focus on more responsive, healthier buildings; from hi-tech urban skyscraper facades to UNHCR Headquarters in Kibera, Africa, to emergency infrastructure in Haiti, urban remediation of water, food and energy resources to eco-tourism and lifestyle. As such it raises the prospect of closer integration of form and function, promising to yield new means by which

architecture may interact with and respond to, the benefit of the environment.

The unit has investigated sites and visited projects in Africa, Switzerland, America and throughout the UK. The global and diverse nature of the unit has been internationally recognised, through competition entries and corporate collaboration. Competition entries include: Evolo: Skyscraper for the 21st century, HB:BX Building Cultural Infrastructure, The Blue Award 09, Make Bethnal Green, International Velux Award 2010, The Nationwide Housing Awards and the Yele Music School Haiti Open Ideas Competition. The unit encourages the exploration of architectural possibilities in everything from the deep ecocentric self-build village in Africa and urban hyper-blue planning, to the extreme machines of the tropics, deserts and polar ice caps.

UNIT LEADER

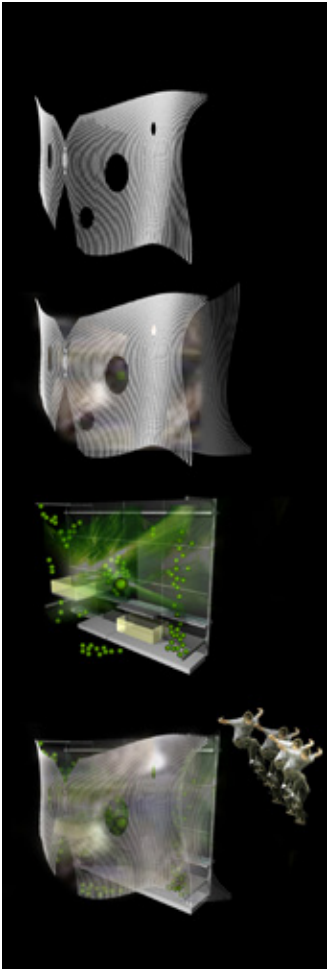
Siobhan Barry

STAFF

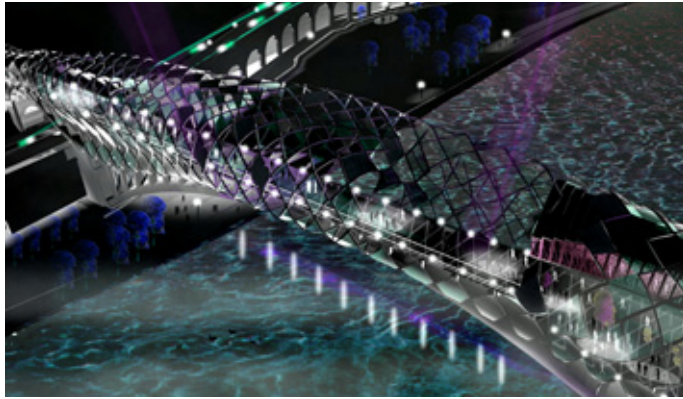
Colin Pugh, Craig Martin and Dan Kelly
with guests Jerry Tate and
Everard Bektashi-Brown.



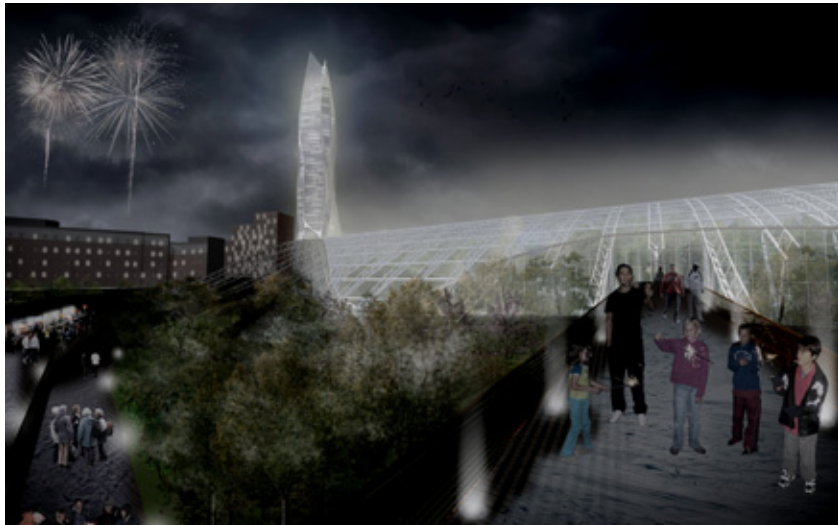
Stephen Clewes



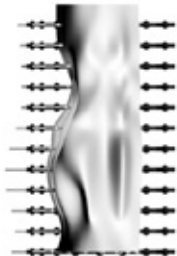
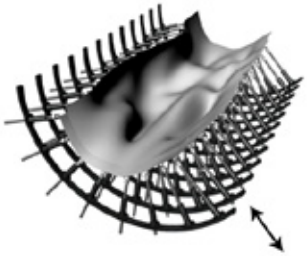
Dominic Cheuk · Skate Skin



Year 5 · HBBX, New York



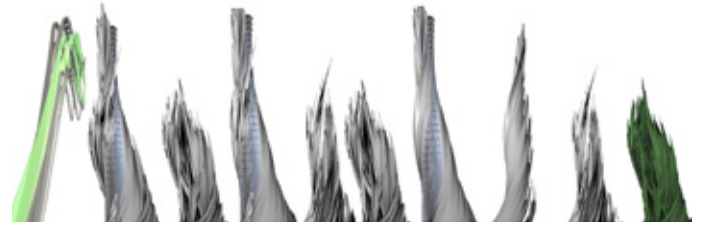
Anthony Campbel · Arboretum City



Stephen Clewes · Parasitic Growth Façade Module Studies



Stephen Clewes, Danielle Shaw
Speleogenetic Skin



Rhys Roberts
CITY_HUB process models



Jade Littlewood
Urban Adventure



Tom Bedford
Alpine_Cliff Climber

BArch
BIOMIMETICS
EXTREME ENVIRONMENTS

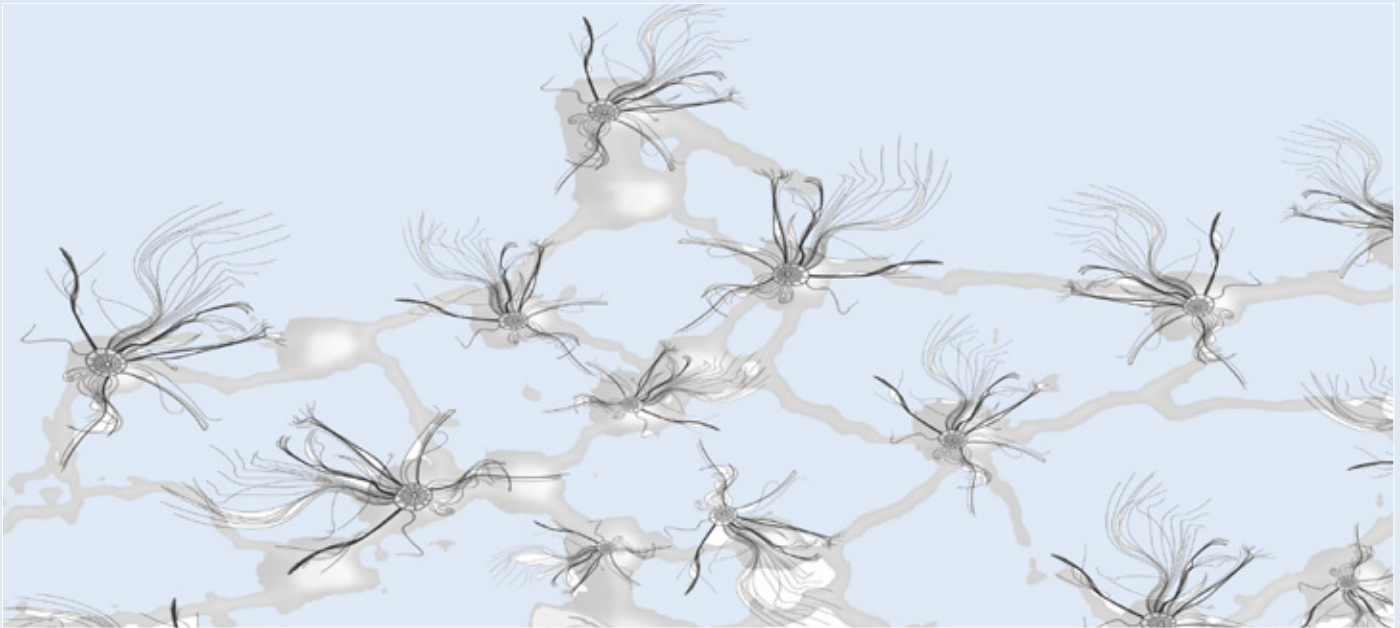
As an introduction to the unit's research into biomimetics as a design generating methodology, the unit investigated the concept of extreme machines; a parabiotic response to extreme environments. The resulting brief was to design a survival and research facility in each of the differing extreme environments, from Bora Bora to the polar ice caps. The work was produced as a collaborative project investigating process based natural phenomena of each site as part of a group, generating innovative Biomimetic responses to the most fundamental aspect of architecture: shelter. These extreme shelters were designed to monitor and return local climatic data to a hub station in Manchester, demonstrating the effects of urban

energy use on extreme global outposts. They will form an exhibition to be based at the Eden Project in Cornwall in conjunction with the charitable organisation Shelter.

Biomimetics students embarked on a highly successful sponsored field trip with 42 1st and 2nd year students to the Eden Project in Cornwall to further research extreme environments and to appreciate issues of shelter in differing climatic zones, building on their previous research based design. They were fortunate to benefit from an exclusive private tour of the project and explored the behind the scenes architecture and services of the biomes and the Core, accessing areas otherwise closed to the public. As part of the

event, students took part in a sponsored 'sleep out' as a fundraiser for the homeless charity, Shelter.

As part of a unit visit to the 2010 Ecobuild exhibition at Earls Court, the group attended presentations by internationally celebrated biomimetic architects, Michael Pawlyn and Jerry Tate on the architectural application of biomimicry. This was then followed by a visit from Jerry Tate to the MSA for a guest lecture and BArch masterclass on biomimetic design, where students had the opportunity to develop their projects with an internationally renowned leader in this field.



Stephen Clewes, Richard Foster, Peter Sproule
Bora Bora Weather Station



Manchester School of Architecture Projects group (MSAp) was set up in 2005 to develop architectural projects with a life outside of the school. Since then we have collaborated with the Manchester Museum of Science and Industry, Manchester City Council Joint Health Unit and numerous Manchester community groups and individuals. We take a critical position on the nature of architectural practice in the age of sustainability, working to understand how architects and architectural education should respond to global demands for urgent changes to our ways of living and our ways of living together. Our approach is to develop architectural projects, not just processes or products.

This year and next we are funded under the Central Government project 'generations together', which encourages local councils to integrate urban design and architecture with attempts to reduce health inequalities. The project website can be found at:

www.projects.msa.ac.uk

SHARING THE CITY 09/10

MSAp have spent this year using their architectural skills and imaginations in collaborative projects working to make Manchester more inclusive, open, fair and accessible. We have investigated how people share the city and imagined how the city could be shared. To structure our efforts we have taken a theoretical position which is based around the concept of affect.

We have worked to understand how the architecture of the city helps the people who live in it to share, feel or find – care, affection, humour,

fun, joy and love – and how those experiences shape what the city becomes and can be. We understand these moments of affect as the social labour of the city, the unpaid and unvalued labour which makes the city 'sustainable' – as in desirable, liveable, loved.

Through a series of creative and collaborative workshops involving a diverse range of invitees, both within and outside the school, tutor-led and student-led, we have explored how we can imagine, design and influence the future of the city as a place shared between people of all ages, attitudes and occupations. We have investigated how these unusual meetings and encounters affect us and our practices and have used these experiences to develop our architectural abilities in unexpected situations, collaborations and projects. We use conventional and unconventional methods of drawing, model making, participatory research, film-making, presenting and performance to explore our subject and extend the capabilities of architecture.

This year the 5th year students have developed projects which include: communicating urban design issues to lay groups involved in city redevelopment projects so they can better represent their constituencies in planning and consultation exercises – in St. Peter's Square and in Chorlton; developing community resources in a live project for combining education and allotment facilities across the city; changing perceptions and experiences of Ardwick through performance spaces, night galleries and themed public spaces; improving access to the green spaces of the Irk valley including proposals for Sandhills park and street installations

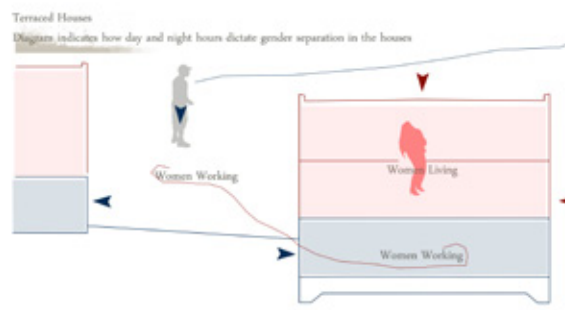
in Cheetham hill; community led proposals for improvements to Wythenshawe Civic Centre; improving access to the hidden spaces of Manchester's canals; and questioning the gentrification of the Northern Quarter.

The 6th years have also developed the themes of their projects through community engagement while focussing on demonstrating the coherent design requirement in the professional course criteria. Their projects include: bringing the next G20 summit to Manchester – finding ways of using the massive policing budgets more constructively; seeking support from the Co-op for safe routes out of prostitution in Angel Meadows; promoting collaboration between the creative industries and Job Centres in Ardwick; engaging the citizens of Oldham in re-imagining and saving their dilapidated town hall and civic centre; recycling Manchester City Centre's half-developed sites as sites for recycling and community involvement; using squatting as a positive path out of homelessness; helping destitute asylum seekers become active citizens; investigating 'iStore' bottom-up urban planning in East Manchester; asking if parametricism is a new, new brutalism; and using science-fiction film architecture to imagine the future of Manchester.

We hope that these projects and collaborations will influence the future of Manchester as they will be used to inform discussions about services, planning and urban design and will be presented to the public in an exhibition and via a website and publication.

MSA PROJECTS IS LED BY
Helen Aston and Stefan White

VISITING TUTOR CONTRIBUTIONS FROM
Philip Hall-Patch of Nicholas Hare Architects
and Jochen Rabe of Arup





Kimberly Medly



Luke Moore



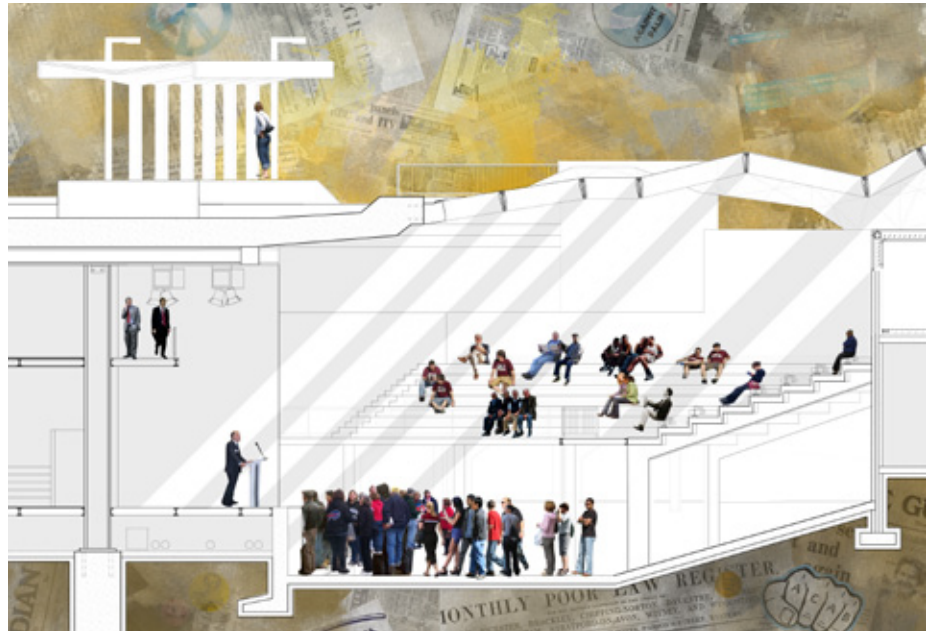
Lucy Flintoff



James Mitchell



Toby Ingle



Mark Hammond



Luke Green

BArch
**MSA PROJECTS
COLLABORATIONS
AND IMPACT**

Formal and informal collaborations with Manchester City Council over the last three years have highlighted architecture and urban design issues with respect to health inequalities at a governmental level. This year a formal collaboration funded under the Cabinet Office 'Generations Together' programme has engaged over 300 members of the public through workshops and presentations in urban design issues relating to social inequalities. Ministers have visited projects in the Manchester Generations Together programme and have been presented documentation of previous work and current research. Council officers have attended workshops and presentations of student work exploring the issues of urban design with respect to inequalities under the MCC Joint Health Unit's *Valuing Older People* programme.

This year's work will be exhibited at the Noise gallery on Market Street alongside a website and publication for dissemination to a wider audience. We have been invited to present the project to representatives from the Cabinet Office in July and chair a panel on inclusive urban design at an international conference entitled 'Towards the ageless city' in November next year.

THANK YOU Manchester City Council's Joint Health Unit and all participants



Poetry reading on Tibb St

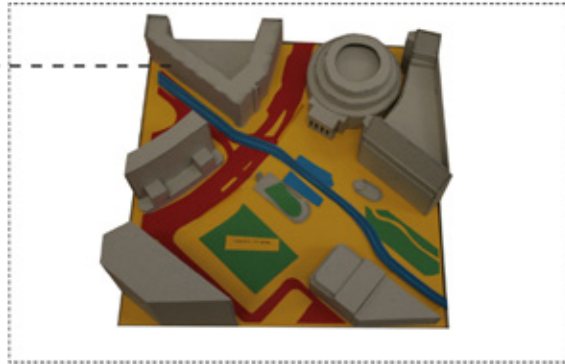


St.Peter's Square Kindergarden Consultation



Sharing the city workshop

change



write



St. Peter's Square Consultation



Sharing the city workshop



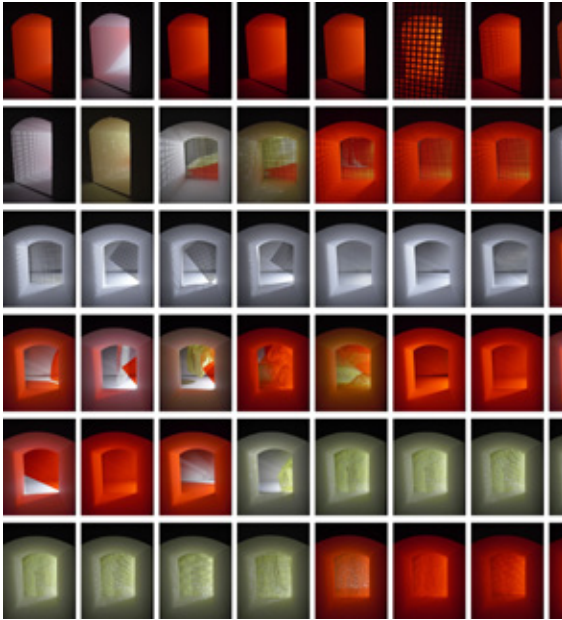
PART-TIME · FLEXIBLE DELIVERY

The msa has developed a part time part 2 programme that responds to the need to make more accessible routes that might ultimately lead to final qualification as an architect for students who either find full-time study impossible or prefer to develop their career and practical experience in parallel with an academic award.

This 'student centred' programme also creates the opportunity for students to more closely define the thematic areas of study explored at part 2 – this allows personal interests and career aspirations to be developed academically with opportunities for 'symbiotic' relationships to develop with professional practice and other external reference points.

Students usually work in architectural practice as they accumulate an academic portfolio though this is not essential.

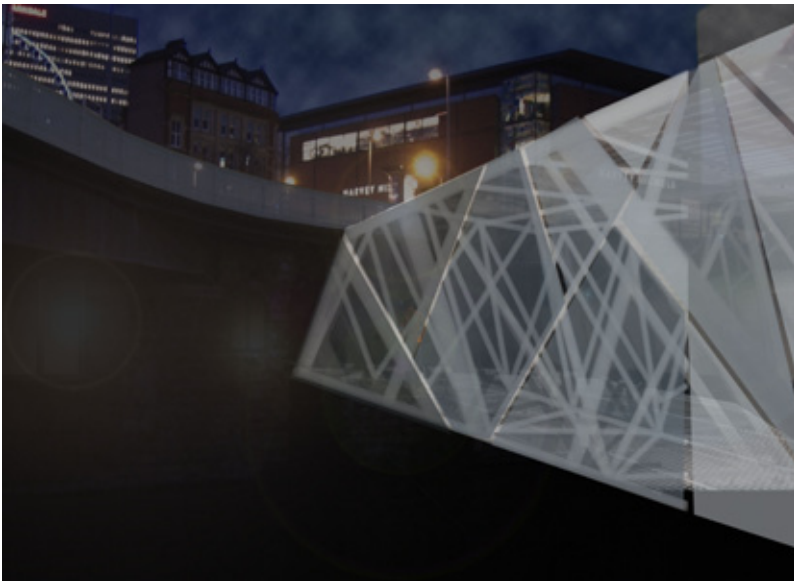
Student success this year includes recognition for Chris Rodgers (CIAT Open Award for Technical Excellence in Architectural Technology 2009), Emma Ramsbottom (Mykon Student Competition 2009) and an honourable mention and project citation for Andrew Cook and Emma Ramsbottom respectively in the AIA/ACSA international student competition 'Green Communities'.



John Wood
'Lightscreen' studies



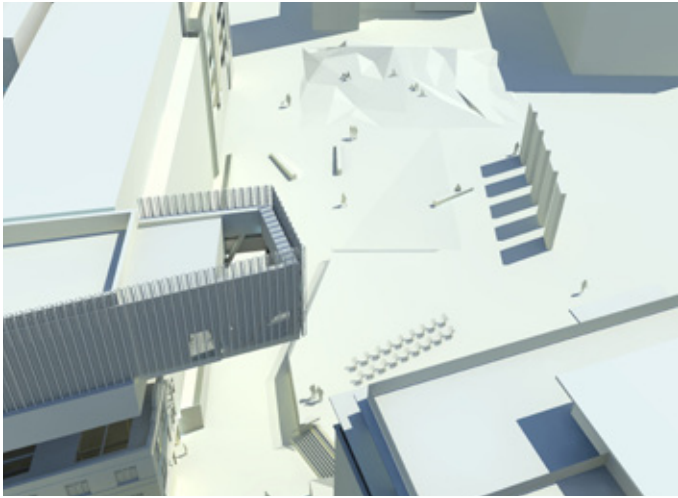
Emma Ramsbottom
MYKON Student Competition Winner 'Sitooterie'



John Wood
Underground Manchester - Bridge Study



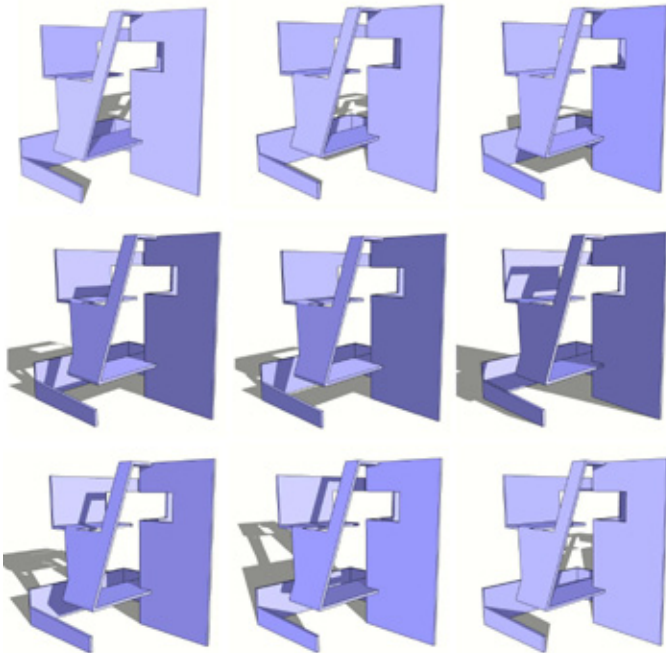
John Wood
Underground Manchester - Vault Study



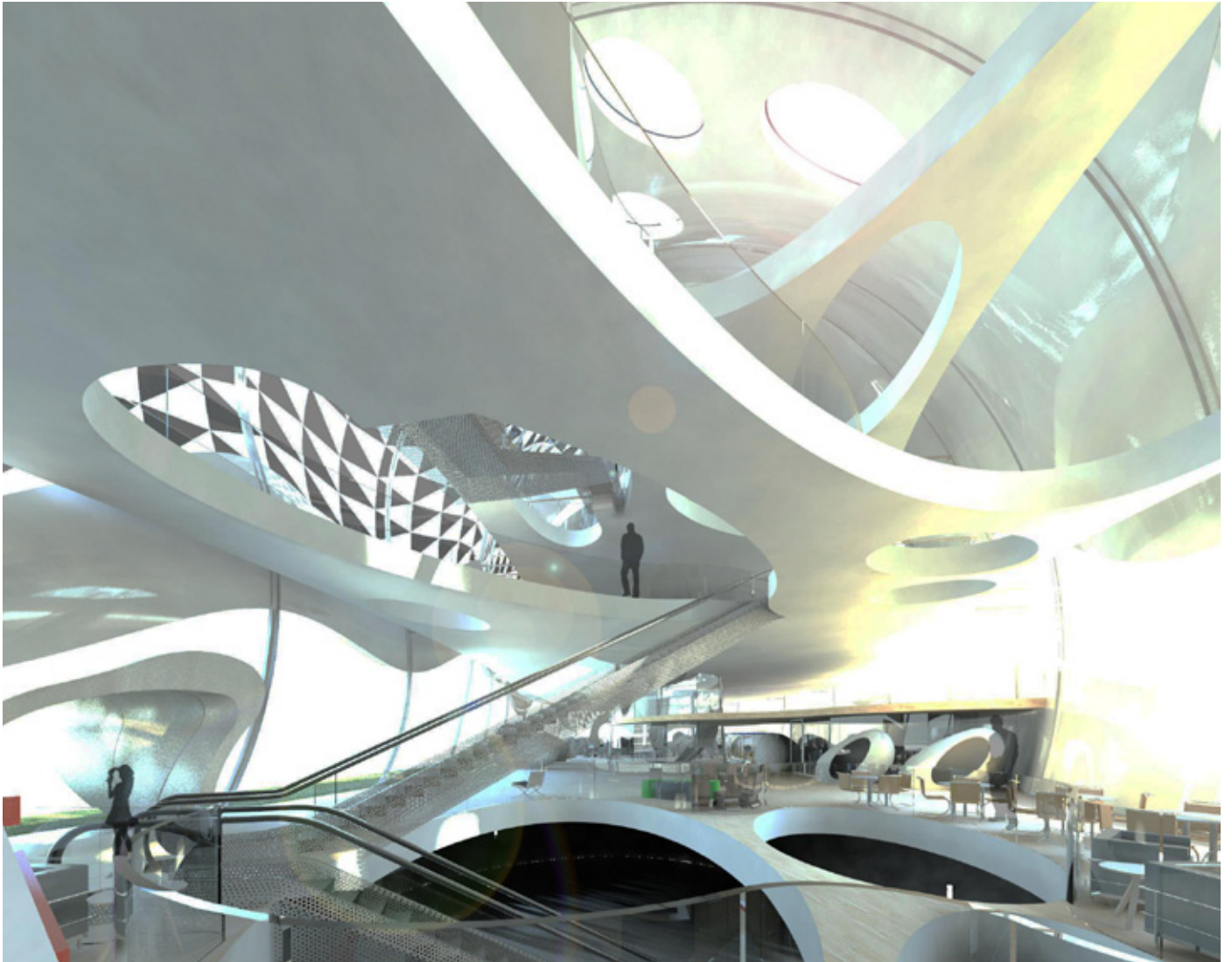
Chris Rodgers
Urban Space



Chris Rodgers
Urban Intervention



Emma Ramsbottom
Velux Studies



John Bridge
'FABNest' interior

The 2009–10 BA Humanities course continued to provide context for the studio projects through the exploration of the architecture of Manchester and further afield. Year 1 hosted a number of guest lectures, including Michael Hitchmough of 3D Reid Architects discussing the new Co-operative Headquarters under construction in Manchester. Year 3 continued its contributions to the msa fieldtrip films website www.msafieldtripfilms.blogspot.com where there are now over 200 films, with a further collection of studies of buildings in Britain, Europe and further afield.

There will be a number of new courses starting in the coming 2010-11 session reflecting the ongoing research of staff within the department. This ensures the continuing relevance of the

course, based firmly in the research culture of the msa.

In first year, students are introduced to the History of Architecture by James Robertson, grounded firmly in the city of Manchester and surveying key movements and buildings. This is followed by a course investigating the interactions between People and Places delivered by Isabelle Doucet.

In second year, the emerging cross-over in Anthropology and Architecture continues this interest in how people use architecture and is delivered by Ray Lucas. Also in second year with Ray Lucas, the study of architectural theory is conducted through a practical study of architectural drawings and alternative forms of Urban Representation. Second year's

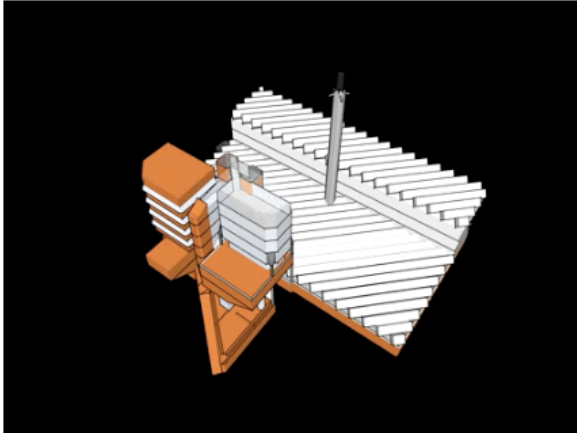
Humanities offering is rounded off by our course in Sustainable Urbanism by Andy Karvonen and Ralf Brand, addressing this crucial aspect of our activities as architects in full.

In third year, the focus on the urban continues, with World Urbanism looking beyond the dominant European paradigm towards the wide variety of established and emerging cities around the world.

World Urbanism is delivered by a variety of contributors from across the department. Finally in third year, architectural theory is addressed in greater detail with Albena Yaneva's Mapping Controversies in Architecture, using a methodology shared by MSA's partners at MIT, Mines ParisTech, Sciences Po Paris and others.

Saturday, 16 January 2010

James Stirling / James Gowan: Engineering Building, Leicester



1:42 / 4:03 360p

Saturday, 16 January 2010

Konstantin Melnikov: Rusakov Club, Moscow



1:06 / 4:07 360p

Tuesday, 12 January 2010

Le Corbusier: Secretariat, Chandigarh



Architect: free quotes

Ads by Google

2:21 / 4:59 360p

Sunday, 17 January 2010

David Adjaye: Idea Store, London



1:36 / 3:40 360p

The BArch humanities programme is concentrated upon the delivery of the dissertation. This is a scholarly piece of academic research that culminates with a substantial written submission.

The course is delivered in four sections; the first two of which are lecture series. Research Skills is a course of eight lectures that lead the student through the research route, from the selection of a specific subject, through the process of narrowing and focussing it to a subject of depth and intellectual rigor, to the exacting practice of writing, editing and referencing. The second lecture series, that of Research Theory, is delivered by different members of MSA academic staff. Each discusses the focus of their own research, with particular emphasis upon one specific output. The lecturer described the procedure of developing the subject, refining and focussing the piece, how they conducted the particular research and finally the actual act of writing up. These lectures showed how the process of delivering a dissertation is similar to that of academic research for publication.

The Research Theory series included a description of the process of writing a piece about the designer Ben Kelly for the *Journal of Art and Design*, an account of research into the social impact of the Hamman, and a Rome Scholar describing the work that was conducted while he was based in the city.

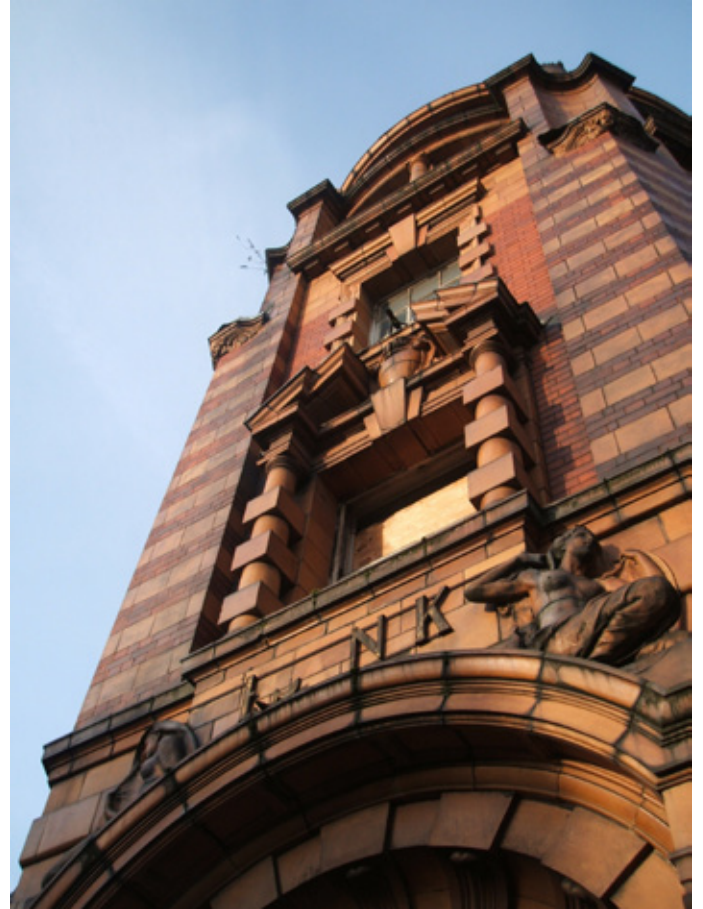
The final two sections of the course are concerned with the delivery of the dissertation. The student makes a proposal for their own project and at this point they are allocated a supervisor. The MSA has a fairly substantial number of academics who can supervise and thus a diverse range of subjects can be accommodated. The final stage of the programme is, of course, the production of the dissertation itself. The student will meet with their supervisor every few weeks, by individual agreement. The students conduct their own research, which may include building visits, interviews with architects, developers, planners and users, surveys as well as the more usual use of the library and other information resources.

This year, the students have submitted a distinct and eclectic selection of dissertations, with the subject matters ranging from an investigation into the problems of why the now empty Manchester Fire Station has not been re-used; a discussion of the connection between Toffler's predictions of the early 1980's and the problems of providing for an aging population; to the possibility of ever viably inhabiting other planets.

An exciting, productive and intellectually proving programme.



Manchester Fire Station · Emma Gander



BArch
TECHNOLOGY
CLIMATE CHANGE, PROPOSITION & DETAIL

AGENDA

Every year the UK emits 560 million tonnes of carbon dioxide (CO₂). Almost half of this is associated with energy use in buildings. The government's announcement to accept the Committee on Climate Change's recommendation of an 80% reduction in CO₂ by 2050 will have significant implications for the architectural community. It is clear that architecture must now be capable of survival within a non-fossil fuelled and energy uncertain future.

Within a holistic environmental ethos the msa aims to take a lead in architectural sustainability by facilitating a wider debate of the subject throughout all studio Unit agendas, thus enabling climate change to be placed at the forefront of architectural thinking, education and design. The BArch Technologies programme challenges all scales of project investigation, beginning with a propositional discussion, and concluding with a comprehensively realised design decision. The programme modules that allow this transition are known as CCCP, BDACC and BRACC:

CLIMATE CHANGE COLLEGE PROPOSITIONS (CCCP):

Within this series of Cross Unit seminar events preconceptions of design in terms of sustainability and conceptual agenda are presented and openly debated. Feedback from the event is fed directly into a published CCCP document.

BUILDING DESIGN/REALISATION & CLIMATE CHANGE (BDACC & BRACC):

Both the BDACC and BRACC modules combine to facilitate the production of works of merit that demonstrate project challenge, innovation and technological experimentation. Engineering professionals from leading Manchester based engineering firms and architectural practices are invited each year to contribute to a comprehensive consultancy schedule, the structure of which is both studio specific and general.

DETAIL DESIGN MASTERCLASS 2010/2011

The msa, with the generous support of the Bradshaw Gass Trust, is in the process of further developing its platform of collaboration with professional practice.

We know from feedback we regularly collect and review that our graduates are highly valued in their professional practice contexts, and that students likewise recognize the quality of the education they receive. We are however keenly aware that strengthening the dialogue between practice and education is particularly valuable in the area of detail design.

The 'Detail Design Masterclass' series is the catalyst for this collaboration and will provide a headline activity within our annual portfolio of events. A programme of case study based lectures presented by the practices that designed them will offer students a unique opportunity to examine technical data and detailed drawings, allowing a true professional perspective from concept to detail. Practices will also be actively involved in studio specific detail design workshops enhancing the professional expertise the msa has to offer. The series showcasing the talent of locally based practices and projects will provide an opportunity for students to visit each project, an activity so often unavailable when their usual references are published or web-based.

Each lecture will aim to place the resolution of technological detail at the forefront of architectural consideration. The emerging and developing contexts of climate change, off site construction, CAD/CAM and conservation will provide some valid and vital themes of discussion. The aim is to build a year-on-year archive of lectures and associated analysis, providing a valuable and developing reference system for the lasting educational benefit of our students and the profession.

RIBA CLIMATE CHANGE SERIES THE BIOCLIMATIC CONFERENCE

Following a highly successful 'RIBA Climate Change Lecture Series' initiative in 2009, the msa organised and secured funding for the Series to continue this year in Manchester. Michael Pawlyn, who delivered the series initially, agreed to partner with the RIBA once more to visit the msa and deliver his opening lecture. Michael Pawlyn is a director of Exploration, a practice that focuses exclusively on environmentally sustainable projects that take their inspiration from nature.

Prior to setting up the company, Pawlyn worked with Grimshaw Architects for 10 years and was central to the team that radically re-invented horticultural architecture for the Eden Project. He initiated and developed the Grimshaw environmental management system resulting in the company becoming the first firm of European architects to achieve certification to ISO14001. In 2007, Michael delivered a talk at Google's annual 'Zeitgeist' conference and at the Royal Geographical Society's annual conference 'Sustainability and Quality of Life'.

The conference was to be highly successful and inspirational. All speakers were keen to answer questions, some thought provoking. Joining Michael Pawlyn on the speakers' panel would be Professor Greg Keeffe, a familiar face at the msa. Over the past 20 years Greg, formerly the Head of Design at Manchester, has sought to develop a series of theoretical hypotheses about sustainability. Most of his work comes out of a free-thinking open-ended discussion about how things should be. Greg currently holds the Downing Chair of Sustainable Architecture at the Leeds School of Architecture.

CONSULTANTS

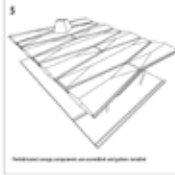
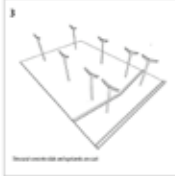
Bill Logan, Regional Director, Aecom
Paul Wright, Principal Engineer, Aecom
Mark Doyle, Structural Engineer, BDP
Atte Heino, Structural Engineer, BDP
Matthew Short, Structural Engineer, BDP

HEAD OF TECHNOLOGY

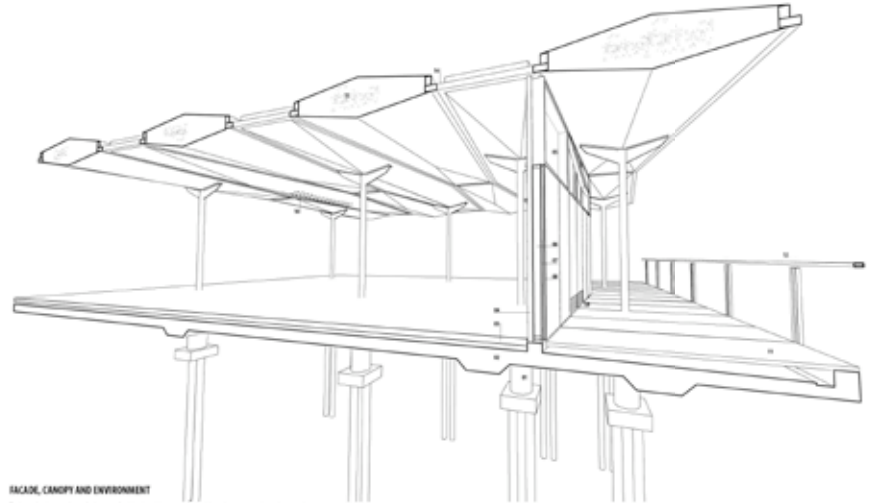
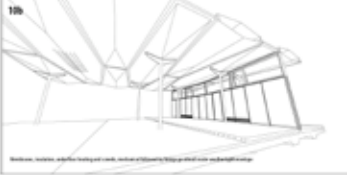
Dr Craig Lee Martin

STEVE CONNAH MSA 6 MATERIALITY
BRACC 04 FACADE/ROOF-3D STUDY

1-5 GROUND AND STRUCTURE



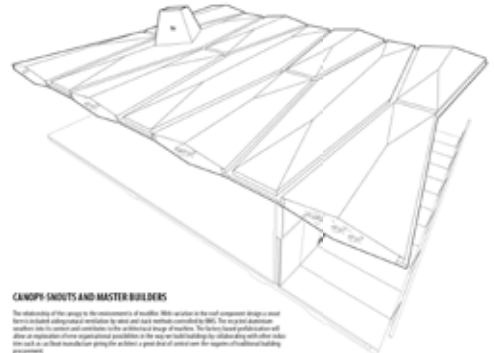
6-10 ENVELOPE AND INTERNAL



FACADE, CANOPY AND ENVIRONMENT

The internal environment is defined by the roof and facade working together, establishing an internal space and atmosphere. The canopy over the entrance and the roof over the main structure are key elements in defining the building's form and function.

- 01 Canopy structure based on steel truss structure, using 150mm diameter
- 02 Canopy roof with integral beam structure, 150mm wide, supported by steel truss beam
- 03 Steel truss beam with cantilevered canopy structure, supported by steel truss beam
- 04 Canopy structure based on steel truss structure, using 150mm diameter
- 05 Canopy structure based on steel truss structure, using 150mm diameter
- 06 Canopy structure based on steel truss structure, using 150mm diameter
- 07 Canopy structure based on steel truss structure, using 150mm diameter
- 08 Canopy structure based on steel truss structure, using 150mm diameter
- 09 Canopy structure based on steel truss structure, using 150mm diameter
- 10 Canopy structure based on steel truss structure, using 150mm diameter
- 11 Canopy structure based on steel truss structure, using 150mm diameter
- 12 Canopy structure based on steel truss structure, using 150mm diameter



CANOPY SNOOTS AND MASTER BUILDERS

The relationship of the canopy to the main structure is defined by the canopy structure, which is supported by the main structure. The canopy structure is a key element in defining the building's form and function.

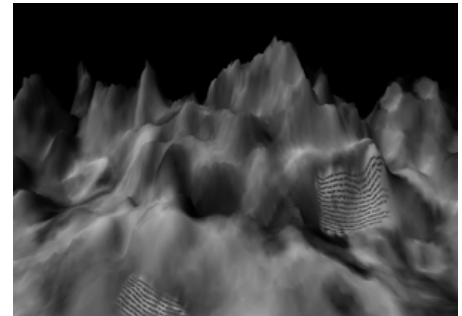
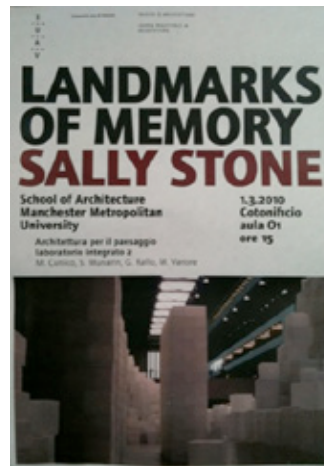
Research

ARCHITECTURE RESEARCH CENTRE AT MIRIAD

The developing research activities at msa were enhanced this year by the establishment of an Architecture Research Centre within the structure of MIRIAD (Manchester Institute for Research and Innovation in Art and Design) at MMU. The series of centres have been charged with the development of the research culture within the various activities of the Faculty of Art and Design. The new Architecture centre will continue the established research themes of History and Theory of Architecture and Conservation, Sustainable Architecture and Urbanism, with a new area of Digital Making, and collaborate with colleagues in other art and design disciplines in a growing range of projects. Funds to support new research projects will lead to an even stronger performance in the forthcoming Research Excellence Framework.

New research active colleagues include Dr. Raymond Lucas, who will be pursuing his research in the anthropology of architecture, and James Robertson who continues his study of the work of the Glasgow architect Jack Coia. Sally Stone delivered a keynote lecture 'Landmarks of Memory' at the Instituto Universitario di Venezia earlier this year and Eamonn Canniffe will deliver a keynote lecture at the international conference 'The Postmodern Palimpsest: Narrating Contemporary Rome' at the University of Warwick in February 2011.

Dr Heide Jaeger was awarded a PhD in October 2009 for her study of traditional Japanese alleyways or 'roji' and continues her post-doctoral research in Japan. New doctoral students include Charalampos Politakis who is studying the relationship between architecture and the body, Sharmin Barzani studying the Kurdish city of Erbil, Danny Richards studying the developing possibilities of parametrics and Fariborz Mohammadian researching the potential of shelter design for the sites of natural disasters.





Research
MA
ARCHITECTURE+URBANISM

The MA Architecture + Urbanism course continues to attract a growing range of candidates from the world of practice, and from other disciplines, to engage in debate and exploration about the city and its future. Guest speakers from urban design practice, from government agencies and from academia contributed to the suite of seminars on offer. This year a further innovative step was taken with the hosting of a well attended public event to help bring these issues into sharper focus. The inaugural MA Architecture + Urbanism Symposium with the theme 'Hive Minds: Future Proofing Manchester' took place at CUBE on April 29th as part of the Manchester Architecture and Design Festival 2010. The student-run event was excellently presented with banners and an interactive sculpture that recorded contributions from the audience.

Chairman Dave Haslam kicked off the day's debate by reminding the audience of the pleasurable origins of the symposium in Ancient Greece and contrasted it with his current situation with 'a room full of architects – feel my pain'. His remarks on the co-operative qualities of creative cities led naturally into the first presentation by Phil Griffin. He responded to the exhibition of works by Jean Hobson, but raised the general question of whether future proofing was truly feasible or an academic luxury. Recent urbanism

had seen the development of cities as a focus for property speculation. He predicted the return of the modest recycling of buildings and a suburban fightback as the trends to watch for the immediate future.

Dave Carter of the Manchester Digital Development Agency outlined a distinctly technological future happening now, with open source facilities being key to ensuring that the inequalities in digital provision do not impede the creation of a smart city. Inclusivity was outlined as the major motif of a 50 year vision. In contrast to this virtual world Jean Hobson reflected on her artistic life, looking at the decaying city and opening the eyes of the young to the urban environment around them.

The afternoon session commenced with Tape showing their short film of the inner life of Hornchurch Court in Hulme, a 1960s high-rise block within sight of the Manchester School of Architecture and a testament to the utopian past. Philip Cooke of The Destination Marketing Group presented an interesting analysis of the challenges of the economic crisis, and talked around the potential of tourism and the experience economy to reverse urban misfortune.

While enjoying refreshments ancient symposium style the audience heard the final presentation from guerrilla gardener

Richard Reynolds who discussed his activities in subversive planting. Hailing the virtues of provocation, and also those of bulbs for long term impact, he suggested that attention should be turned on the often-neglected margins to transform the city.

In summing up the day Dave Haslam asserted that 'It is good to take away more questions and challenges?'. But one thing was decided: the event set a bar for future debates within the academic context and most importantly between the often estranged worlds of research and reality.

Next year the course will be taking up the opportunity to contribute to an international conference at the University of Warwick on the theme of 'The Post Modern Palimpsest: Narrating Contemporary Rome', extending our outward facing activities into the field of humanities research.

PROGRAMME LEADER
Eamonn Canniffe

Dr Craig Lee Martin



MA Architecture + Urbanism Symposium
'Hive Minds: Future Proofing Manchester'
CUBE · April 29th 2010

Research
MARC
MANCHESTER ARCHITECTURE RESEARCH CENTRE

AIMS

Exploiting its unique institutional position to connect design studies and social sciences, MARC aims to establish msa as a centre of international excellence for research and teaching on the social studies of Architecture. The success of this interdisciplinary agenda is already evidenced by a portfolio of funding of approximately £4.8 million, spanning the AHRC, ESRC, EPSRC, EU, Government and Industry.

MARC AGENDA

MARC is developing a research agenda that aims at critically understanding the co-evolution of design and development strategies and socio-economic processes shaping cities. Dissatisfied with conventional interpretations of architecture as either isolated aesthetic (art), technological (engineering) or economic (property) objects, we aim to connect architectural research with the social sciences (sociology, geography, psychology, cultural studies, anthropology and political sciences) to explore relations between architecture and society. This approach involves: the development and application of an innovative sociotechnical approach to researching architecture, urban development, technological innovation and urban change; analysis and integration of previously disconnected research fields—architecture and urban planning, the property sector and utilities industry; and the stimulation of a collaborative, interdisciplinary methodological approach to architectural research.



MARC CURRENTLY HAS SIX FULL TIME STAFF

Professor Simon Guy · Head of MARC
Dr Frank E. Brown · Senior Lecturer
Dr Magda Sibley · Senior Lecturer
Dr Ralf Brand · Lecturer
Isabelle Doucet · Lecturer
Dr Albena Yaneva · Lecturer

ASSOCIATED STAFF INCLUDE

Professor Michael Hebbert · SED, Planning
Dr Maria Kaika · SED, Geography

RESEARCHERS

Dr Chris Hewson, Dr Andrew Karvonen,
Dr Fionn Mackillop

RESEARCH CENTRE ADMINISTRATOR

Dr Darien Jane Rozentals



Our research goals are to:

Develop New Ways of Thinking

Developing a sociotechnical analysis of architecture and urbanism which looks beyond ideas of buildings and cities as either primarily aesthetic or technical objects.

Develop New Ways of Researching

Exploring practices of design, development and habitation and the diverse communities (e.g. professional, private, informal) that inform them.

Develop New Ways of Engaging

Applying an interdisciplinary analytical perspective to the debate about future cities in order to enhance our understanding of the contextual framing and contested nature of design and development.

Collectively, MARC's research is developing and applying theoretical and methodological insights from a range of disciplines to develop sociotechnical perspectives on architecture and urban change. MARC projects cover a diverse range of topics from: 'new urbanism', design and development of Manchester, thematic study of railway station design, tall buildings, museum architecture, design thinking and controversies, through to 'co-evolution' of technological innovation and behavioural change, to sustainable architecture, and community involvement and public engagement with renewable energy technologies and electricity networks.





RESEARCH HIGHLIGHTS

MARC has been awarded an EPSRC/EDF grant from the People, Energy and Buildings panel on the topic of 'Conditioning Demand – Older People, Diversity and Thermal Experience'. The aim of this project is to understand the diversity and dynamics of thermal experiences in the ageing populations of the UK and France. The project team, including Simon Guy, Ralf Brand, and Andrew Karvonen from MARC, as well as Patrick Devine-Wright (Exeter University), Christopher Tweed (Cardiff University), and Gordon Walker (Lancaster University), will conduct empirical research on older residents and energy-efficient technologies to understand how comfort is shaped by a variety of social and material factors. The project will be completed in 2012.

Michael Hebbert's *Climate Science and Urban Design* is a joint project between MARC (Michael Hebbert and Fionn MacKillop) and the Centre for History of Science Technology and Medicine (Vladimir Jankovic) that was initiated in January 2010. The physical structure of a city directly affects its temperature, wind, rain, and air quality – which in turn influence human comfort and health. This project investigates the use of scientific meteorology in climate-altering urban design decisions, drawing on historical research and case studies in Stuttgart, New York, Yokohama and Manchester.

Ralf Brand's AHRC 'Religion and Society' programme grant for the project *Multi-Faith Spaces (MFS): Symptoms and Agents of Religious and Social Change* began in December 2009. Working with colleagues Andrew Crompton and Chris Hewson, this three year project investigates the design, management, socio-political significance and practical use of these new

religious spaces. Phase 1 of the project documents 48 MFS (including 12 overseas), via key informant interviews, measured drawings, and wide-angled photographs. Phase 2 of the research (2011–) will see the selection of cases studies for more focused investigation, examining how MFS are utilised on a 'daily basis' through dialogue with MFS users.

Ralf Brand's ESRC funded project *The Urban Environment – Mirror and Mediator of Radicalisation* entered its dissemination phase in 2009/2010. It resulted in a special double issue of the *Journal of Urban Technology* on 'The Architecture of War and Peace' and made a big splash with its linked touring exhibition in Belfast, Beirut, Berlin and Manchester, where Brand was featured in BBC's *Allan Beswick Show*. The exhibition will continue to travel to Amsterdam, Exeter, London and possibly other cities. Brand's expertise is also increasingly sought after by practitioners like the Northern Ireland Police Service, Community Relations Council and others.

Methodist Central Halls as Public Sacred Space, a collaborative doctoral project between MARC and the Methodist Church Property Office, received funding under the AHRC/ESRC 'Religion and Society Programme' for a Research Studentship. Angela Connelly (supervised by Michael Hebbert and Andrew Crompton) considers the use and transformation of Methodist central halls over a period of declining religious observance, and the changing meanings and potentials of these spaces whose design was deliberately both public and sacred.

Magda Sibley joined MARC in January 2010. Sibley brought to MARC two research projects, the EC Euro-Med Heritage 4 funded project *Hammamed: Raising awareness for the Hamman*



as cultural heritage for the Mediterranean area and beyond 2008–2010 and the AHRC funded *The Historic Islamic Baths of North Africa and their Survival into the 21st Century*. Sibley is developing a hammam research led design studio in MARC which will take place in 2010–2011 and will include a study trip to Fez.

Albena Yaneva's *Made by the Office for Metropolitan Architecture: An Ethnography of Design*, Rotterdam: O10 Publishers (2009) has been published. The book presents an ethnographic account of the design rhythm in the Office for Metropolitan Architecture. The work draws on the mundane trajectories of models and architects at the OMA and shows how innovation permeates design practice, how everyday techniques and workaday choices set new standards for buildings and urban phenomena.

Through 2009 and 2010, MARC has hosted a range of MARC guest lectures with speakers Jeremy Till, Damian O'Doherty, Thomas Barrie, Tatjana Schneider and Marc Schlossberg. In June 2010 MARC hosted the *Politics of Design* workshop with keynote speakers Andrew Barry (Oxford University) and Alejandro Zaera-Polo (FOA, London and Princeton University). The workshop was organised by Albena Yaneva, Andrew Karvonen and Isabelle Doucet.

MARC continues to develop its sociotechnical approaches to design and development, with a particular focus on processes and practices of urban adaptation in response to climate change. The EcoCities project, funded through charitable donations from Bruntwood and the Oglesby Trust, seeks to create a climate change adaptation blueprint for the Manchester city-region, based on the analysis of climate change scenarios and

the proposal of appropriate adaptation responses. The work draws on the expertise of MARC, the Centre for Urban and Region Ecology (CURE) and the Brooks World Poverty Institute (BWPI), and benefits from a strengthening partnership with the Manchester City Council. EcoCities will facilitate the exchange of best practice and mutual learning with developed and developing world cities, and a network of international links is being established.

MARC is also playing a leading role in research on 'planning a greener role for retail' as part of the Tesco funded Sustainable Consumption Institute (SCI) in Manchester. This includes Simon Guy and Chris Hewson's research project *Integrating the Senses Inside Supermarkets: Energy, Ambience and Sustainable Consumption (ISIS)*.

Through an award from the Rory and Elizabeth Brooks Foundation, joint research between BWPI and MARC is exploring climate change and poverty in urban Bangladesh. In March 2010, Simon Guy and the BWPI team of Manoy Roy and David Hulme were awarded an ESRC/DfID grant for research on international poverty reduction to examine how the urban poor in Bangladesh are responding to the increasingly dire effects of global warming. Links are also in development with institutions in Singapore, Nagoya, and Austin, Texas.

MANCHESTER SCHOOL OF ARCHITECTURE × MANCHESTER SOCIETY OF ARCHITECTS

The relationship between msa and the Manchester Society of Architects (MSA) that operates under the msa2 banner has continued to develop during this academic year. The MSA design awards are published here for the second time, MADF continued this year incorporating 'event month' activities, easa 2010 has continued to expand its activities and the mssa has been actively engaged with MSA through a variety of joint events.

The momentum to develop more explicit relationships with the profession and other external partners within our programmes has been maintained. We have announced a detail design masterclass series that will form part of the developing ethos of graduate studies at Part 2 level.

The msa aims to creatively explore opportunities for more systematic engagement with 'real' or 'live' design contexts and agencies notably evidenced this year in our live project with Manchester Museum ('the reflective room'), continued collaboration between msa-P and Manchester City Council on multigenerational participation in environmental change and a range of exhibitions showcasing both BA(Hons) and BArch project work within their locational context.

The relevance and creative challenge offered through this engagement is consistent with the overtly professional ambitions of students engaged in their second degrees.

The msa held a 'futures' event in February 2010 bringing together its professional advisory board, external examiners and staff to contribute to discussions that began to define key principles that will be embedded in the programmes developed to address a new subject benchmark and associated professional criteria in the near future.



THE BOWN PRIZE

The msa was proud to present the inaugural 'Bown Prize' for the most outstanding design portfolio in the first year of the BArch programme. The award honours the memory of Cliff Bown who enjoyed a distinguished academic and professional career in Manchester since arriving as a BA(Hons) Architecture student in 1977 and graduating with his Diploma in 1983.

The first recipient, Thomas Cookson, is pictured being presented with the award by Ginny and Alex Bown. The msa is grateful to Cliff's family, friends and professional colleagues for supporting an award that recognises the design excellence of students on the threshold of professional careers.



The School and the City

MANCHESTER SOCIETY OF ARCHITECTS DESIGN AWARDS 2010

The Manchester Society of Architects was proud to present its annual awards at CUBE, commencing with the preview of the exhibition and opening party of Manchester Architecture and Design Festival on the 20th April which was a great success. This year during the first week of the exhibition, visitors were asked to vote for their favourite project on display. The winners were announced at the Design Awards announcement evening on the 29th April where Dwelle were awarded the first 'People's Prize' for their innovative micro house, and also scooped best residential project. This year's exhibition featured a selection of projects submitted by members of the Manchester Society of Architects competing for the society's prestigious awards. The overall winner was Aedas's St John's School in Blackpool.

Other winning schemes were Q2 Architects for best commercial project, Stephenson Bell for Harpurhey Youth Zone and House 1235, OMI for Artingstalls Chapel, student project winner was Luke Butcher scooping the £100 cash prize and Nick Walkley won the Andy Robson award winning £200 in book tokens.

Thank you to all the members of Manchester's creative community who attended the design awards evening and participated in the exhibition making this year such a success. The Design Awards are held annually with the aims of raising aspirations for high quality architecture and highlighting the important role this plays in enhancing the built environment. This year they were a key event of the second Manchester Architecture and Design Festival which ran from

the 19th April until the 15th May, running back to back with the exhibition at CUBE. The Manchester Society of Architects believes that it is important to promote the value of architectural design talent in Manchester and aspires to highlight the design skills of its members, raising their profile to demonstrate the benefits of good design.

The Manchester Society of Architects would like to thank our sponsors, RIBA North West, Steelcase, Royal Mosa, Oce, Hobs, Polyflor, Ian Bruce and Admaster, who made this public exhibition of work possible. We would like to extend our thanks to CUBE who continue to support and promote the design awards. Manchester Society of Architects would like to thank the architects of Manchester who continue to support this exhibition.



Overall Winner
St John's C.E Primary School, Blackpool by Aedas



Winners · top left to bottom right

Commercial · Hilton Square Development by *Q2 Architects*

Community · St John's C.E Primary School by *Aedas*

Un-built Sports, Leisure and Education · Harpurhey Youth Zone
by *Stephenson Bell*

Conservation and Re-use · Artingstalls Chapel by *OMI Architects*

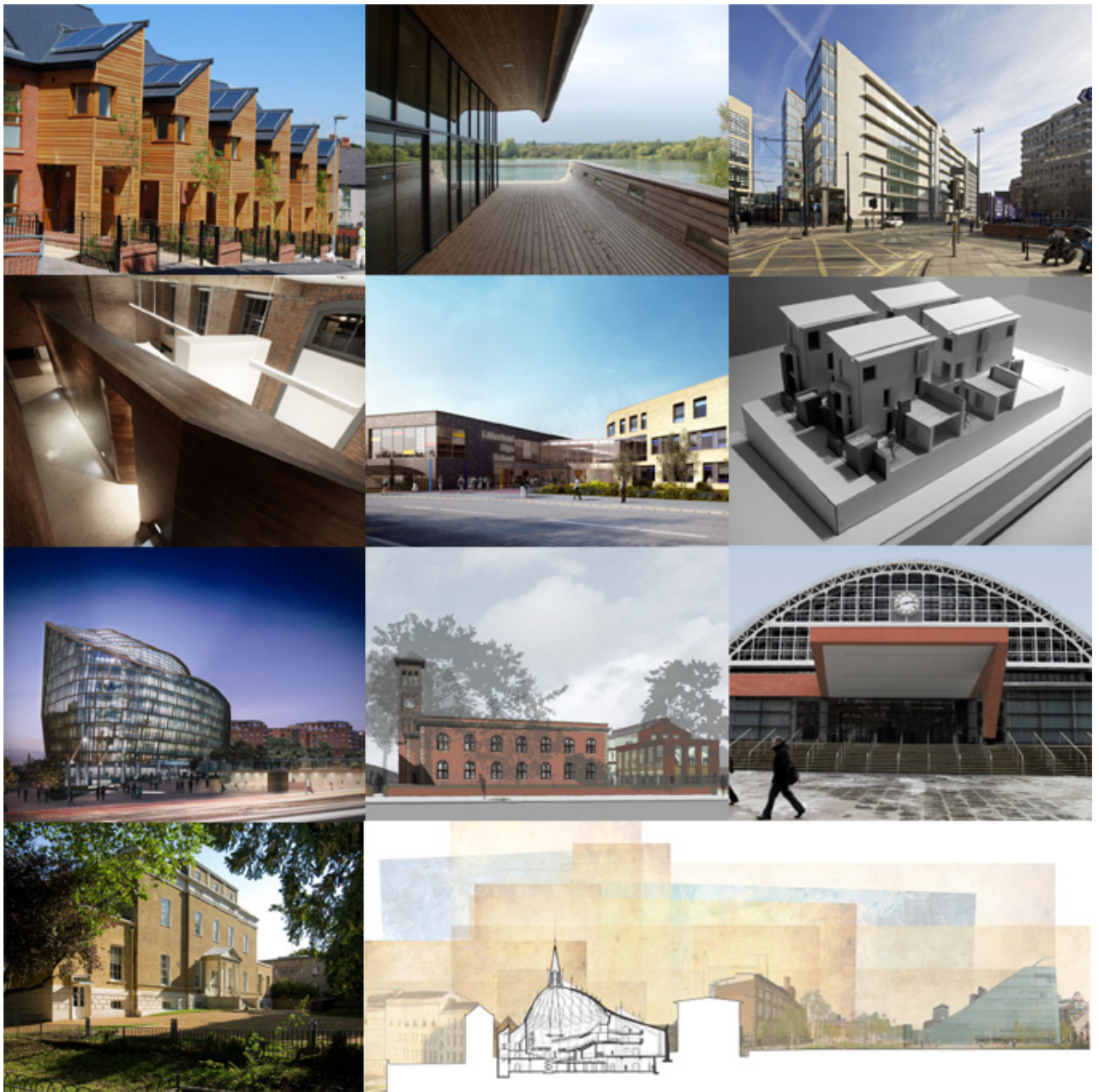
Residential and People's Prize winner · Big Dwelle.ing by *Dwelle*

Student Projects · Bank Street/Tartan Street by *Luke Butcher*

Un-built Residential · House 1235 by *Stephenson Bell*

Un-built Commercial · Dewsbury Moor Crematorium by *Aedas*

Andy Robson Prize · Cheetham's School of Music by *Nick Walkley*



Commendations · top left to bottom right

Residential · Grange Road North by *Triangle Architects*

Sports & Leisure · Westport Lake Visitor & Field Study

Centre by *Walker Simpson Architects*

Commercial · 4 Piccadilly Place by *Hodder & Partners*

Commercial · Unit 106 Office Fit Out by *Oliver Smurthwaite Architects Ltd*

Un-built Sports, Leisure and Education · Litherland High School by *Sheppard Robson*

Un-built Residential · Trafalgar Street by *OMI Architects*

Un-built Commercial · Co-operative Head Office by *3d Reid*

Un-built Commercial · St Thomas Centre by *Omblor Iwanowski Architects*

Conservation and Re-use · The Manor House Library by *Buttress Fuller Alsop Williams Architects*

Conservation and Re-use · Manchester Central by *Stephenson Bell*

Student Projects · Cheetham's School of Music by *Nick Walkley*

Student Projects · Cheetham's School of Music by *Nick Walkley*

MANCHESTER ARCHITECTURE & DESIGN FESTIVAL 2010



The second Manchester Architecture and Design Festival (MADF) ran from the 19th April to the 15th May 2010, encouraging interaction between members of the architecture and design community in Manchester and throughout the region. The active programme of events was organised in collaboration between Manchester Society of Architects, Manchester School of Architecture, EASA2010, MSSA, CUBE and RIBA North West, at various venues across Manchester.

A key aim of the festival is to strengthen the relationship between practitioners in Manchester and students at Manchester School of Architecture. The Festival was timed to coincide

with the School of Architecture events month and maximise publicity for events in this period.

Highlights of MADF 2010 included our opening debate 'Architecture and City Culture' at John Rylands Library, chaired by Phil Griffin with Gareth Hoskins, Ian Simpson, George Mills, Stephen Hodder and Roger Stephenson. The Student Travel Awards at CUBE presented by RIBA President Ruth Reed was a great success. Chethams' Library walk with Stephenson Bell was an amazing insight to the past present and future of Manchester's most famous music school. Hanif Kara gave an energising lecture at John Rylands Library.

The Manchester Society of Architects Design Awards drew vast crowds to hear the announcement of the winning projects and raised awareness of architecture in Manchester. Hodder + Partners + Models and Tabanlıoğlu Architects exhibitions were introduced by Stephen Hodder and Murat Tabanlıoğlu, via a short film at our opening preview. Architruck was again roving the streets of Manchester sited in Piccadilly Gardens

and Albert Square, promoting architecture to the people of Manchester with great exhibitions – *The Urban Environment, Mirror and Mediator of Radicalisation, 100 years of Taylor Young* and the *Manchester Modernist Map*.

A series of workshops were run with students at the University, including Gareth Hoskins architects' *Architectural Model Making in the design process... or why cardboard is better than sketch up!* 'Celebrate MADF', the event month exhibition, drew the festival to a close at CUBE.

The MADF would like to thank our sponsors, partners and contributors for helping us deliver an amazing month of events which drew together architects, students and other design professionals.

The Manchester Architecture and Design Festival will return in spring 2011 and the MADF team look forward to welcoming you to our third season of events across the city.

- | | | | | |
|---|---|---|---|---|
| 1 | 2 | 3 | 1 | Simon Green, President MSA, present Aedas overall winner of the Design Awards |
| 4 | 5 | | 2 | Roger Stephenson at Chethams |
| | 6 | | 3 | Manchester Society of Architects Design Awards |
| 7 | 8 | 9 | 4 | The Co-op model at the Manchester Society of Architects Design Awards |
| | | | 5 | 'Cardboard is better than sketchup' workshop |
| | | | 6 | Manchester Society of Architects Design Awards |
| | | | 7 | MADF Question Time 'Architecture and City Culture' at John Rylands library |
| | | | 8 | Models at the Event Month Exhibition at CUBE |
| | | | 9 | Hanif Kara 'Engineering Curiosity' at John Rylands Library |



The School and the City

THE COURTYARD PROJECT AT THE MANCHESTER MUSEUM

The Courtyard Project is a collaborative project involving the Manchester Museum and 5th Year Architecture students from the Prototype and Re_Map BArch units at msa. A competition invited the students to design an environment within the courtyard space at the Manchester Museum to align with the summer programme and exhibitions. A shortlist of five proposals was selected and formed part of an exhibition at the Manchester Museum.

The Museum have selected 'Reflective Room' as the winning design. The student design team from Prototype is led by Matthew Mills and includes Adam Atraktzi, Mark Bonshek, Spencer Fretwell, David Kent and Anna Parker. The Reflective Room is currently being fabricated in the MMU Chatham workshops by all students involved in the project and was completed in July 2010.

REFLECTIVE ROOM

The Prototype Design Team were inspired by the changes that unfold in the courtyard over the course of the day; by people passing, ambling and drifting through almost unaware of their surroundings. The aim is to utilise the ordinary to create the sublime.

A room is to be fabricated within which people can re-engage with the courtyard and as well as the space itself, to sit and relax, contemplate and reflect. The concept aims to revive an awareness of the environment by taking an off-the-shelf product in the form of a standard black glazed ceramic tile and to harness its material qualities.

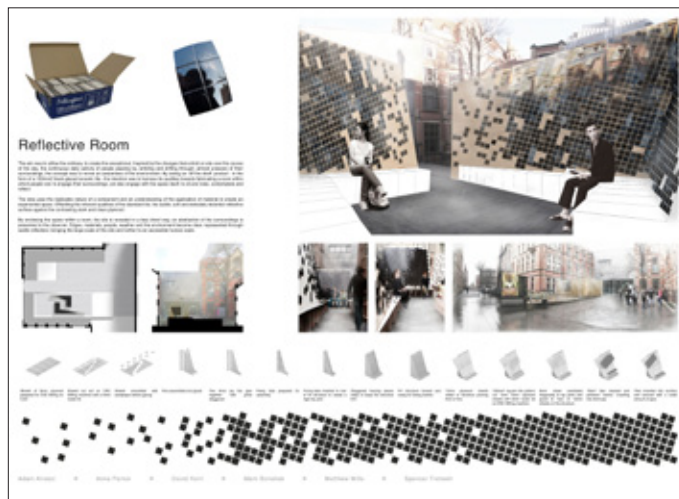
By enclosing the public space within a room, the courtyard is revealed in a less direct way and is presented to the observer as an abstraction of the surroundings. Edges, materials, weather and the surrounding environment are made apparent through subtle reflections, reducing the large scale to an accessible human scale.

THANKS

Reflective Room has been generously supported
by msa, MIRIAD and Pilkington's.
Jeff Horsley and team at the Manchester Museum
Neil Thomas of Atelier One Engineers
Mark Duckworth, Sue Merrill and the technical
team in Chatham Workshops
Stephen Connah for his assistance
with the site assembly
Year 5 students from both Prototype and Re_Map
for their voluntary participation in the project

STAFF

Nick Tyson + Ming Chung · Prototype
Nick Dunn + Richard Brook · Re_Map



Winner Team Leader: Matthew Mills · Unit: Prototype



Exhibition at the Manchester Museum
Shortlisted Team Entries
April 2010



Team Leader: Megan Crouse · Unit: Prototype



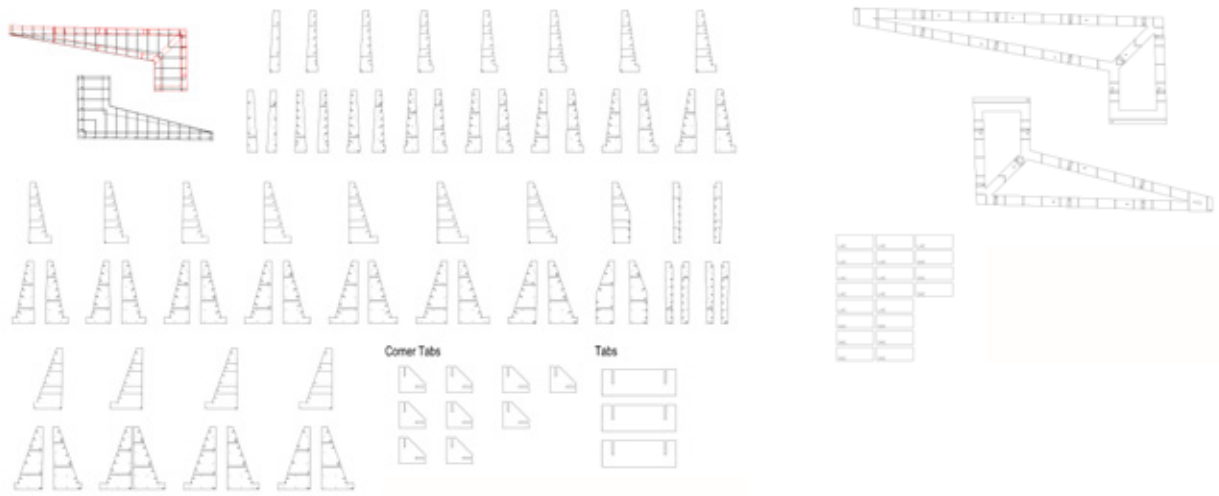
Team Leader: Edward Martin · Unit: Prototype



Team Leader: Joseph Haire · Unit: Re_Map

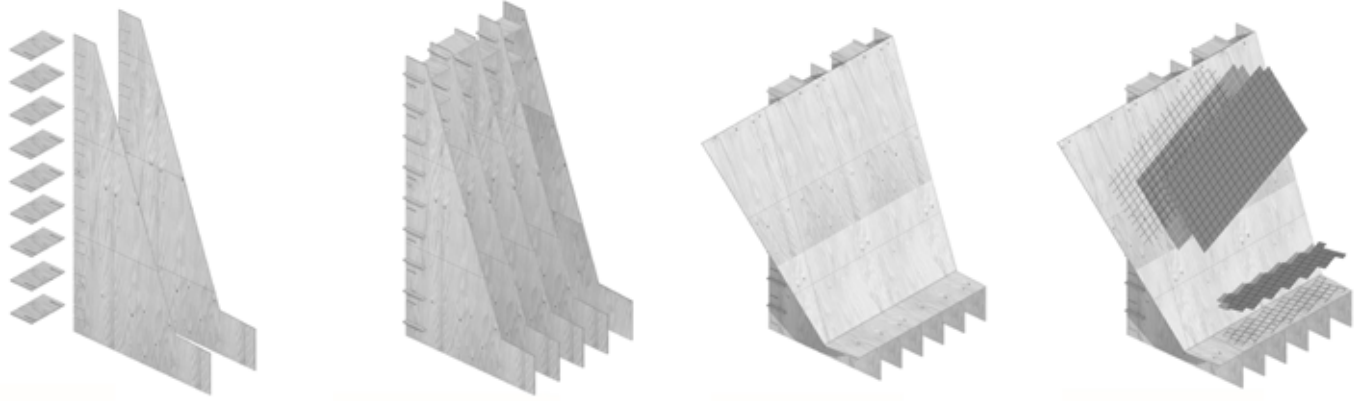


Team Leader: Edward Acres · Unit: Re_Map



CAD CAM Drawings

Long Side



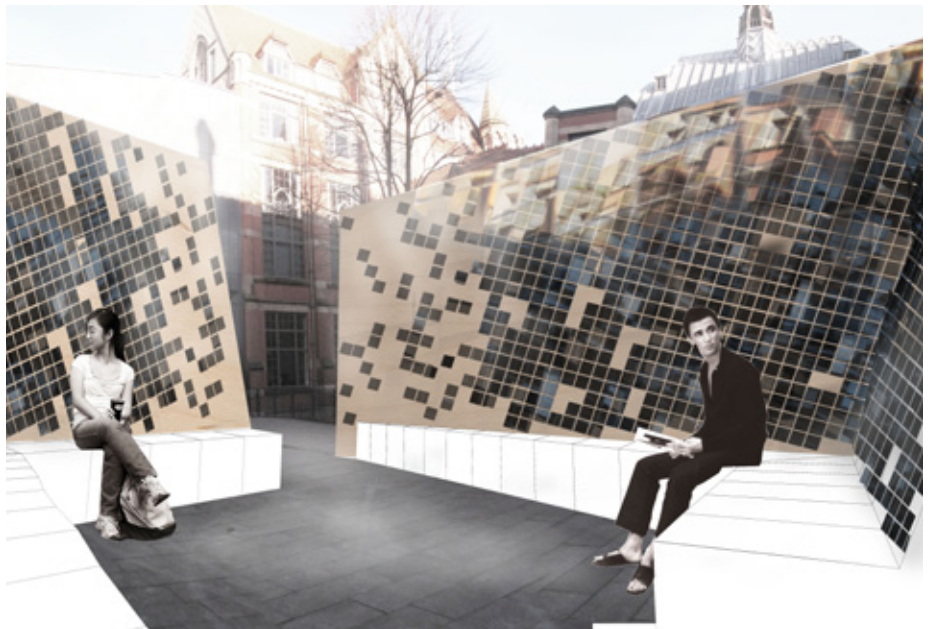
Assembly Sequence



Construction of 1:1 mock-up



Reflective Room







EVENT MONTH 2009_10

19TH APRIL – 14TH MAY 2010

Event Month 2009_10 has taken on further development this year... building upon our successful Graduate Teaching Assistant programme at the Manchester School of Architecture, and with the aim to make further informal cross-overs between the BArch and the undergraduate programmes, we asked all 5th year students to propose Event Month workshop projects influenced by their BArch unit proposition. All 25 workshops (for a total number of nearly 500 students to take part in) had to engage with public space and the city.

It has been a great success and allowed 5th Years to help break down lots of barriers between the different years, whilst also inspiring and introducing new ideas, design methodologies and communication skills. After four weeks of washing line consultations, urban swings and slides, a camping trip to the Eden Project, prototyped structures and multiple interventions to abandoned buildings an exhibition was held at the CUBE gallery on Thursday 13th May to celebrate the fabulous work produced by all involved.

EVENT 01

Making Contact

MSA_p

Chaz Palmer, Sharlene McFarlane, Joe Wood

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

EVENT 02

Quirky Golf

MSA_p

John Cunningham, Andrew Lightfoot

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

EVENT 03

Wish you were here!

MSA_p

Emily Crompton, Tommy Harrison, Joe Knowles

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

3 x landscape architecture students

EVENT 04

The Edible Pavilion

MSA_p

Tom Petch, Chris Jaume

PLUS

5 x year 1 architecture students

5 x year 2 architecture students

3 x landscape architecture students

EVENT 05

Healthy Ardwick

MSA_p

Laura Spence, Daniel Morris, Ruari Quinn

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

3 x landscape architecture students

EVENT 06

Proto_space #01

Prototype #01

David Grahame, Kirk Hough, Rosie Nimmo

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

EVENT 07

W[r]eck: pleasure in the discarded

Prototype #01

Adam Atraktzi, Mark Bonshek, Matthew Mills

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

EVENT 08

Defying material conceptions

Prototype #01

Megan Crouse, Adam Raman, Avital Wittenberg

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

3 x landscape architecture students

EVENT 09

Re-presentations

Prototype #01 · CIA

Robert Broughton, Louise McKeown, Anna Parker, Sarah Mulcahy

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

3 x landscape architecture students

EVENT 10

[Re_Prototype]/non-prototype

Prototype #01

Robin Burek, Spencer Fretwell, Alex Miller

PLUS

7 x year 1 architecture students

7 x year 2 architecture students



EVENT 11

FAB*HAB – the fabrication of habitat

Prototype #01

Adam Booth, Edward Martin, David Kent

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

EVENT 12

The Charged Void

Material Culture

Matthew Wood, Marco Bartolucci,

Katarzyna Gierbienis

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

3 x landscape architecture students

EVENT 13

observe_analyse_solution_VISION

Material Culture

Sophie Bailey, Jonathan Gillett,

Richmal Elizabeth Wigglesworth

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

3 x landscape architecture students

EVENT 14

Manchester's Abandoned Building Festival

CIA

Nick Gurney, Nick Mitchell, Amy Pearce

PLUS

7 x year 1 architecture students

7 x year 2 architecture students



EVENT 15

Location, Design, Build, Event

CIA

Umayr Azam, Jennifer Cook,

Sebastian Bayley-Loyne, Matthew Taylor

PLUS

7 x year 1 architecture students

7 x year 2 architecture students

EVENT 16

Context, public space and the city

CIA

Thomas Cookson, Michael Graves, John Roberts

PLUS

7 × year 1 architecture students
7 × year 2 architecture students
3 × landscape architecture students

EVENT 17

Experiments with urban narratives

CIA

William Saville, Simon Davies, Jack Whatley, David Richards, Stephanie Chan, Yuk Wang Cheung, Lawrence Somerville, Josh Rollin, Seb Drayson

EVENT 18

Space to Place – manipulating the urban fabric

Displace Non-place · CIA

Maryam Osman, Rachel Smith, Zoheb Iqbal

PLUS

7 × year 1 architecture students
7 × year 2 architecture students

EVENT 19

The Phantom Metropolis

[RE_map]2000

Graeme Mill, James Thorp, Craig Welsh

PLUS

7 × year 1 architecture students
7 × year 2 architecture students
3 × landscape architecture students

EVENT 20

Urban Mold

[RE_map]2000

Patrick Drewello, James Poynton,
Timothieus Marjot

PLUS

7 × year 1 architecture students
7 × year 2 architecture students
3 × landscape architecture students

EVENT 21

Google Street-(Re_)view

[RE_map]2000

Ed Acres, Joe Haire, Felicity Hurling, Richard Lewis

PLUS

7 × year 1 architecture students
7 × year 2 architecture students

EVENT 22 AND 23

Biomimicry: learning from the Eden Project

Biomimetics

Costas Louciades, Jack Richardson, KokFung Siew,
Peter Sproule, Dominic Cheuk, Dan Nestoruk,
Richard Foster, Daniel Heywood, Henry Mulligan

PLUS

21 × year 1 architecture students
21 × year 2 architecture students

EVENT 24

Beginning.Middle.End

EASA

Thomas Bennell, Paul Farrell, Christoph Holz

PLUS

7 × year 1 architecture students
7 × year 2 architecture students

EVENT 25

Spatial Propaganda

EASA

Chris Maloney, Alex Maxwell, Marten Dashorst

PLUS

7 × year 1 architecture students
7 × year 2 architecture students





The Manchester Student Society of Architecture (mssa) is the official student run organisation representing every student at the school of architecture. As well as continuing to work closely with tutors and lecturers across msa, MMU and UoM, this year the mssa embarked on a number of new initiatives as part of its mandate to improve the lives of students both academically and socially.

The mssa organises social events, architectural film night and lectures aimed at enriching our students' experience of architecture. The lecture series continues to attract large numbers of students, staff and local academics as well as help to bridge ties with practices.

In keeping with tradition, a number of successful social events were organised including archi-curry, a Halloween party, nights out to Sankeys and more. New events that we have introduced include the mssa film night held at Sand Bar.

Following on from the success of last year the mssa continues to build ties with the annual Manchester Architecture & Design Festival (MADF).

Most recently students celebrated the end of year at the annual summer ball, this year held at the Palace Hotel on Piccadilly with record attendance. The mssa is looking forward to the coming academic year and looks to build on the success of this year.

LECTURES FROM THE MSSA LECTURE SERIES

Alex Solk	Sheppard Robson Architects
Charles Hind	RIBA Drawings Collection, V&A
Neil Thomas	Atelier One Engineers
Charles Barclay	Charles Barclay Architects
Lorna Green	Women in Art & Architecture
Maurice Shapero	formerly of David Chipperfield & David Adjaye Architects
Gordon Talbot	Ian Ritchie Architects
Steven Clarke	Nano Technology

MAIN COMMITTEE MEMBERS

Malcolm Wilson, James Hills,
Sophie Samuels, Nick Dunlop

SUPPORTING MEMBERS

Thomas Bend, Lisa Lai, James Thorp,
Katie Hannah Wright



m^ssa
manchester student society of architecture

THE EUROPEAN ARCHITECTURE STUDENTS ASSEMBLY 2010

In the first two weeks of August the European Architecture Students Assembly is meeting in Manchester for the first time in its 30 year history. The organising team has been working for the past year from their base – easaHQ. The building functions as an office for the organisation process and as a gallery, set up to offer up and coming artists to get a foothold and experience exhibiting their work.

Having hosted and been a part of more than 15 exhibitions and events since easaHQ opened its doors, the gallery has established itself as a vibrant grass roots venue for art and architecture on the Manchester scene, playing host to 2009's CUBE open winner, Andrea Brooker, Future Everything exhibition *Unbuilt*, the Manchester School of Architecture MA final exhibition and being part of the opening event for the Cutting Room Square in Ancoats.

This year, EASA also renewed its relationship with the Manchester Architecture and Design Festival. easaHQ once again played host to MADF exhibitions, while an easa010 representative was invited to be part of the judging panel for the MSA design awards.

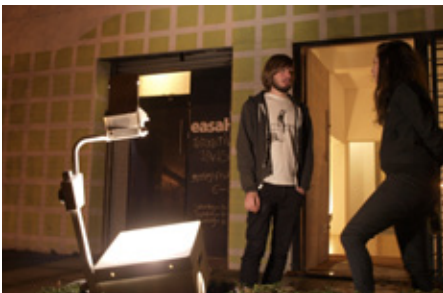
With applications now closed, the definition of easa010 is now known. There will be 450 participants representing 47 countries from Europe and a number of non-European guests, taking part in 20 international workshops and 5 from Manchester. easa010 has linked with Hope Mill in Ancoats who will be providing space for the built workshops and will also be the site of the competition workshop – the design and build of artist studio space on the 4th floor.

Before the Assembly itself, easaUK, supported by the Standing Conference of Heads of Schools of Architecture, is hosting the first European Architecture Students Assembly UK conference. The conference, sponsored by the Manchester School of Architecture, will bring students of architecture from the UK together with the express aim of creating a student run event of the nature of EASA for the UK.

The work of the team has gained coverage as far away as Italy and Sweden, with articles being published in *Il Ginorale dell'Architettura* and *4 Ark*.

More information about easa010 can be found at www.easauk.net.





THANK YOU

Associate Lecturers, Support Staff,
and everyone who contributed
to the production of this year's catalogue

cover image · John Bridge

inside front cover · BA(Hons) Year 2 Workshop,
Grizedale Forest

inside back cover · msa-p public exhibition
'Sharing the City' at NOISELAB

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the Manchester School of Architecture



BA (Hons)

BArch

Continuity in Architecture
Emergent Urbanism
[Re_map]
Prototype
Material Space
Emergent Topographies
Displace
Biomimetics
msa Projects
Part-time · Flexible Provision

Research

MA A+U
MARC

The school & the city

msa²
MADF · Manchester Architecture & Design Festival
The Courtyard Project at the Manchester Museum
Events month
mssa · The Manchester Student Society of
Architecture

www.msa.ac.uk



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