

URBAN BODY

TRANSDISCIPLINARY STUDIO

SPACELAB | BORDER CONDITIONS | HYPERBODY | BLOB | MEDIA | TO&I

"LOST LABYRINTHS OF BEIJING"

» URBAN BODY «

BEIJING WORKSHOP

STALKER
LORENZO ROMITO

EUROPE L&F
KYONG PARK

TEXAS A&M
PETER LANG

URBAN CHINA
JIANG JUN
YAN HAN

CONTRA CONCEPT
DANIELE PARIO PERRA

INFORMATION LAB
AUKE TOUWBLAGER

SUSANNA REGGIA
ROBERTO DELL'ORCO

» MODELING URBAN COMPLEXITY «

MAYA DYNAMICS
MACROMEDIA FLASH
ADOBE PREMIER PRO

» DISCIPLINES «

URBANISM
ARCHITECTURE
BUILDING TECHNOLOGY
PHILOSOPHY
INFORMATION & COMMUNICATION TECHNOLOGY

ARCHITECTURAL BODY «

BORDER CONDITIONS «

STEALTH [ULTD] «

L.E.A.K. «

MATERIA «

'SUBSTANCE & MATTER'

PRACTICALS

LECTURES

SEMINARS

WORKSHOPS

CREATIVE PRACTICE
CHOREOGRAPHING SPACE

MSC2 SPRING SEMESTER ELECTIVE

1ST QUARTER

URBAN BODY ARO300 (15ECTS)

2ND QUARTER

ARCHITECTURAL BODY ARO310 (12ECTS)

MATERIA ARO315 (3ECTS)

MAX 60 STUDENTS

ENROLLMENT THROUGH INFONET

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THE URBAN BODY WELCOMES YOU

Masters Architecture | Urbanism | Building Sciences

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Prof Umberto Barbieri | Marc Schoonderbeek | Architecture & Modernity
Prof Kas Oosterhuis | Architecture
Prof Arie Graafland | Architectural Theory

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READERS NOTE: This semester book outlines a series of intentions and objectives to be carried out throughout the spring semester period of 2007. As it is not a pre-conceived set curriculum, the syllabus should not be read as an exact or absolute set of scheduled programs. Rather it should be perceived as a guideline that strives to generate a strategy for synergetic learning. Activities have been laid out to effectuate an optimal learning process, however, they are open for translation and when needed, modification. A week to week reflection of inputs and outcomes will be held in order to further advance the needs and desires of both the teachers, contributors and students. Thank you for your open-mindedness and understanding.

URBAN RESEARCH

What is the *object* of urban research? Certainly not the 'object' or artifact of the city as it now exists – that is unless we still hold to a view of the city as a work of art; the creation of 'Man' and measure and image of 'His' civilized existence on this planet. In any event, since Lefebvre started pointing this fact out to us in 1970, we have become gradually more and more aware of the fact that the city as a representative object of a foundational human culture is not something we can anymore separate from dynamic and 'in the world' and *global* processes of material formation, in-formation and transformation. The problem suddenly becomes less one of a representative, simply 'imageable', knowledge or form, and one more of a *space* of dynamic consequences in uncertain and shifting dimensions. The problem becomes one of what the city *may* be and become – and of the powers we are capable of assembling to the end of ameliorating social futures. We need to learn not so much how we make a fit with the functional and logistical spatial requirements of particular societies – which are in any event constantly transforming – as understanding the *politics* in the vectors and tendencies of spaces of formation and transformation themselves. This politics, besides recognizing the need for social openness and difference, has to recognize its role in facilitating change and an open orientation towards unknown futures. We believe that the stories of our cities from this point forward will be marked more and more by the way they deal with and make provision for the factor of change. Research needs to focus not just on the procedures of city building but more particularly on the conceptual apparatus that we bring to bear on the problem, and we will need to measure this apparatus not only against values of justice and equity, but also against sets of values that incorporate an idea of an urban future which makes "provision for the fact of history". This space of a transformative urban is something radically other than the orders by which we have constructed our social and cultural worlds to this point – and 'construction' from here on in is something that will have to be negotiated in the vectors of a forceful and material reality. Urban research will have to come to terms with the nature of this material and learn how socialities and culturalities may constantly negotiate and renegotiate their *own* orientations in the midst of this dynamic tangle of the unexpected. In truth the orders of 'open futures' in this labyrinthine dynamic may be obscure only by virtue of the fact that they contradict our direct spatial habits and expectations. The methods and forms of social openness, elasticity and enablement may be no more complex than those we have used so effectively to harden and close our environments and futures – and what we may need most of all to do, is grasp the future in all its uncertainty; face it in all its provisionality, and learn to understand our ongoing need to make ourselves anew in every new time.

URBAN BODY

[Current] intellectualism (...) is blind to the mode of existence and co-existence of perceived objects, to the life which steals across the visual field and secretly binds its parts together. (M. Merleau-Ponty, "Phenomenology of Perception")

A transdisciplinary research and design studio entitled the Urban Body has been set up for the 2007 spring semester. The studio brings together **Spacelab** from Urbanism, **Border Conditions** and **Hyperbody** from Architecture, from **Free Form (BLOB)** from Building Technology, with additional contributions from the **Architectural Theory** chair, **Technical Design & Informatics (TO&I)** and the **Media** Lab. The studio sets out to address urban and architectural praxis in an increasingly mobile and connected and complex world. It proposes the development of tools, incorporating self-organisational principles central to dynamical complex systems. It attempts to transcend the borders between our disciplines and brings an idea of *trans*-disciplinarity to our spatial and design thinking and generates a whole new teaching praxis within our faculty.

ACADEMIC CONTEXT

Responding to the ever greater divisions in the curricula of the departments of Architecture, Urbanism and the Building Sciences since the introduction of the BSc/MSc model in 2002, contributing partners in this initiative have worked to elaborate a collaborative and integrative research and design framework. Students and teachers alike have feel the need for a trans-disciplinary approach in order to engage the realities of an increasingly complex, dynamic and hybrid world. Proposing therefore a necessary continuity and inter-connective reflexivity between the spatial disciplines, the Urban Body research and teaching initiative brings together city, theory and architecture in a dynamical, material and design oriented perspective incorporating high levels of media technologies and material science blended with performance arts and 'sensational' understandings.

INTRODUCTION

The Urban Body is the blur of movement captured on a time-lapse camera. It is the reverse of the static materiality of buildings, asphalt, street furniture, trees etcetera that our discipline prioritizes. But it is itself material. It is not the substance of society, but it *is* the substance of the social city. It is traffic in all its modes and speeds, but also the human social presence and its visibility that we encounter in urban space, and in itself it generates and supports social forms that we recognize as both social and urban.

The Urban Body studio takes on this mobile human and informational fabric – this ecology of signs and presence – as the problem for research and design, and tries to understand how the urban is implicated in enabling, supporting and identifying the social, cultural and economic lives of people. The studio is particularly interested in the ways this ecology is implicated in the social and economic tactics of livelihood and survival of



multifarious people and communities, inhabiting both virtual and physical spaces, and encountering and transacting with each other.

We make no distinction between Architecture and Urbanism, seeing the buildings of the city as well as its streets and boulevards and highways and train-lines, communications networks and media, as the open medium for a mobile and performed and transactive sociality.

FIELD DESCRIPTION

Three groups, on the urban, architectural and information technology levels have been involved in developing an exchange in the studio. They have been concerned with refiguring their urban and architectural thinking and ways of working towards the design of urban situations and architectures facilitating open-ended, enabling livelihood practices and practices of sociability.

Spacelab: The Spacelab Laboratory deals with issues of urban process and design and develops instruments for intervening in a complex and dynamic urban world. We try to address the extraordinary absence of the city itself in our discourse on urban life and experience. It is our view that the materiality and objectivity of the thing itself has been misrepresented. Cities are not inert architecture, pure artefact, constructed of a transparent mentality and in proportions which reflect our own. Nor are they systems of dematerialized relations in a graph-space of pure abstraction, waiting to be activated by some more vital stuff. They are participants more than medium in the creation of urban life; sorting devices, refractors, mediators and distributors of material and reaction in chains of effects distributed in time and space. Cities are choreographers of space-times, forming experience, self-forming, working in and through movement.

Border Conditions: The Border Conditions studio (BC) sees urban borders as zones of productivity. The increasing tensions between ideas and expressions of bordering and connectivity have reanimated a discussion on the problem of identity in architecture and the city. The claim for territorial identity by certain groups stands against and in conflict with complex and unpredictable emergent effects on the local driven by processes of globalization. The idea that the built environment is a reflection of social structures is no longer viable. One of the main characteristics of these urban border-zones is an edgy tension between large-scale geopolitical developments and fluctuating and 'marginal' local developments and events. Studio BC investigates these transgressive border-zones as a way to rethink a dynamically responsive view for architectural design, while simultaneously relating architecture to a multi-disciplinary debate. By developing original, 'transgressive' models, and by focusing on exact experimentation in architectural design, it becomes possible to set up hypotheses, create scenarios, predict developments, or even create the conditions for the future development of these specific border-zones. Studio BC tries to develop these in-depth urban readings and their translation into design procedures, tools and strategies.

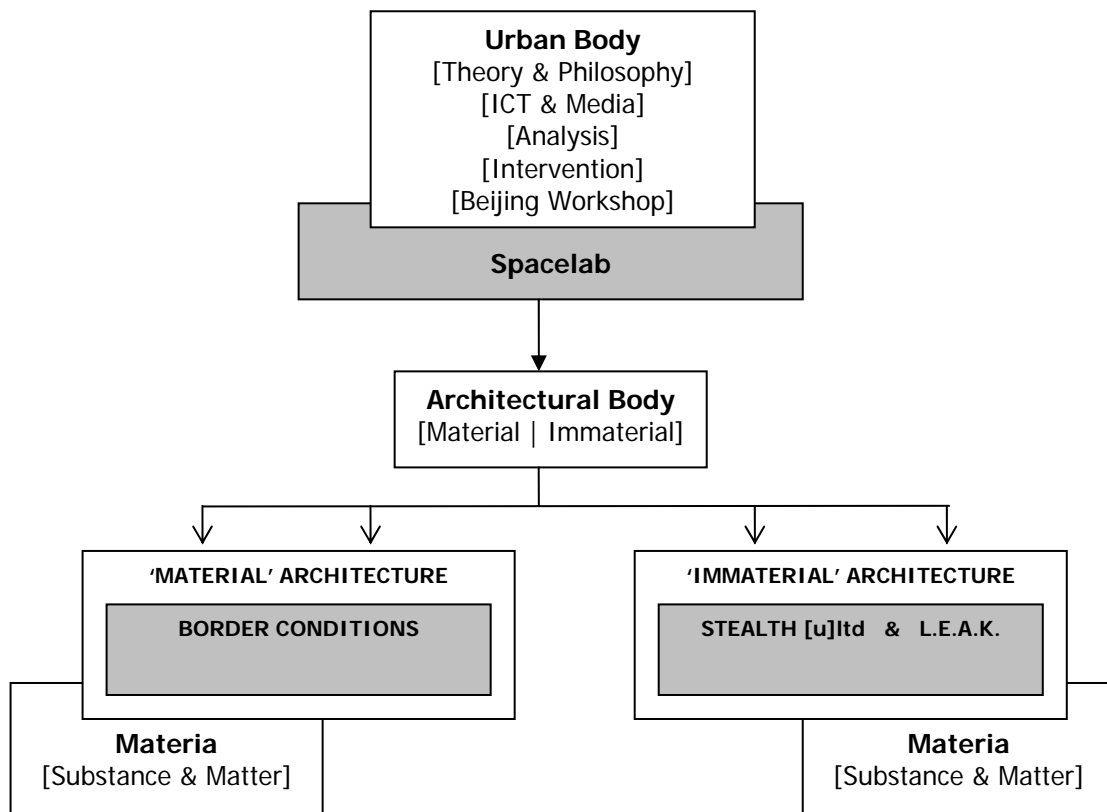
The Urban Body studio uses relational understandings of the built environment to develop a non-linear, process driven parametric methodology, finding the dynamics and vectors in the myriad of forces and performed connectivities in the urban field and producing strategies and interventions which cross all scale levels; from the urban to the architectural, and into the materialization of these interventions. It understands the *city*, its *architectures*, and its *inhabitants* as urban 'bodies' in a dynamic relationality and sets out to reassemble the hybrid multiplicities that constitute the contemporary urban social.

EDUCATION & RESEARCH

To integrate the research focus of the diverse groups, a complete MSc semester has been developed. The studio comprises three inter-related courses: *Urban Body*, *Architectural Body* and *Materia*. National and international students from the fields of architecture and urbanism work together in a collaborative approach ensuring an attuned understanding of the 'urban' as constituted by the city, its architecture and its people. The students will learn innovative methods and perspectives generated by the research partners and out of PhD work. Using the Chinatown's of NL as a case study, and in collaboration with Urban China and the Tsing Hua University in Beijing, the students and teachers will apply their methods and perspectives during a 2-week on-site explorational and performance based workshop. A huge body of high quality applied research

and design will be accumulated to focus in a problem/potential-directed way on the actual conditions of this major global city. The focus of which will be directed at exploring the gradually disappearing labyrinth-like spaces lost and found in the Asian city. The traditional Chinese courtyards, which have long since served as the playing field upon which the social-spatial intricacies of China have evolved, are being threatened by massive contemporary redevelopment strategies. A new urban ecology is sought after as these seemingly “lost labyrinths of Beijing” will be the focus of the 2-week workshop, exploring the problematics and hidden potentials as the courtyard spaces are radically being reconfigured in contemporary China. The output will include analysis and designs coordinated by its focus on a specific urban *situatedness* with its particular local and metropolitan conditions in relation to the global everyday.

Acknowledging the gap between academic focus and professional practice, national and international guests from the fields of Urbanism, Architecture and Building Technology are invited to contribute to the transdisciplinary discourse. Lectures by UN Studio, Multiplicity and NOX will be complimented by creative workshops given by artist and performers advancing awareness between the socio-spatial correlations of body in space. The architectural design studios will focus on the ‘materiality’ and ‘immateriality’ of the architectural body.



Urban Body (AR0300) 15 ECTS - 'City as Process and Product'

[1a] ICT – Developing information and communication technology skills in order to model urban complexity through the observation, mapping and diagramming of dynamic processes with the use of Maya Dynamics; focus will be directed on subjects, objects programs and spaces. Simultaneously, utilizing Macromedia Flash, group websites (integrating all aspects of the semester) with individual web logs (with personal reflections) will be built up and maintained on a weekly base in order to facilitate further exchange of ideas and suggestions through internet; the website will also be the platform through which products and results are presented. Instructions will be offered followed by practicals on Mondays and Wednesdays.

[1b] Media – Developing skills in order to observe, document and represent dynamic rhythms witnessed in the urban environment. Utilizing video and video-editing techniques using Adobe Premier Pro, focus will be addressed on understanding 'everyday' movement and intensities in particular urban spaces (Chinatown) in relation to their setting in the city. Instructions followed by self-study practicals will take place on Monday and Wednesday.

[2a] Theory – A theoretical framework elaborating on understanding the contemporary city as a process-oriented and relational complex system; lectures will cover:

- Urban Body
- Deep Landscape
- Space & Spatiality
- Being-in-the-World
- Transforming City
- Threads and Labyrinths
- Mapping Urban Complexity
- Creative Evolution

[2b] Seminars – Supplementary to the lectures, a seminar series is offered to further facilitate the understanding of contemporary urban conditions. Generating an exchange between MSc and PhD students, weekly readings will be discussed and presented in small group settings focusing on the writing of Henri Lefebvre and the Spacelab research group.

Seminar 1: Foreword by Neil Smith; *The Urban Revolution (2003)*

Seminar 2: Chapters 1-3; *The Urban Revolution (2003)*

Seminar 3: Chapters 4-7; *The Urban Revolution (2003)*

Seminar 4: Chapters 7-9; *The Urban Revolution (2003)*

Discussion: Urban Evolution – How can we evolve?

[3] Film – A selection of critical and inspiring movies which have offered a creative and alternative reflection on the socio-spatial *trans*-formation in urban condition will be featured and discussed in order to further expand the understanding of the e/effects inherent in our urban life-worlds.

Movie 1: *Koyaanisqatsi – Life Out of Balance* (dir. Godfrey Reggio; music Philip Glass, 1983)

Movie 2: *Waking Life* (dir. Richard Linklater, 2001)

Movie 2: to be decided

Movie 3: to be decided

[4] Workshops – Two 2-day workshops will be offered raising awareness of urban 'everydayness' and the correlation of the human body as a creative 'being-in-the-world'.

Workshop 1: Choreographing Space and Dynamic Representation

Workshop 2: Creative Practice and Everyday Sublime

RESEARCH & DESIGN STUDIO

Studio set-up:

09.00 – 12.30 30 min studio crit per group

14.00 – 17.00 15 min group presentation/discussion (i.e. 5 min present + 10 min discussion)

Space: DSD (8th floor), 8 North 6 & 7 (8N6/7)

Days: Thursdays and/or Fridays

Time: Morning and/or afternoon

Contact: 48 hours

Self-study: 144 hours

[6] 'Chinatown NL case studies: Amsterdam | The Hague | Rotterdam

Building up techniques to analyse and synthesis dynamic forces in the urban field (e.g. observation, documentation, re-presentation and presentation).

Mapping the 'real' / Diagramming the 'virtual' / Modelling the 'future'

Wk 1] 'Subject' Mapping

- Oligopticon reading of an urban 'subject' and their local-global relations

Wk 2] 'Object' Mapping

- Oligopticon reading of an urban 'object' and their local-global relations

Wk 3] 'Informal City' Mapping (i.e. 'virtual' city)

- Lived spaces, spatial (re)appropriation by subjects ('everydayness')
- Group mapping of 'residual' spaces
- Specific 'representation' of 4 subjects and their 'glocal' properties (i.e. through their relations)

Wk 4] 'Formal City' Mapping (i.e. 'real' city)

- Programs & scales (local, middle, global)
- Spaces & scales (local, middle, global)
- Situatedness and locality
- Depths, boundaries and flows
- Group mapping of whole area (locating the 'supergrid')

Wk 1-4] Rhythmanalysis (i.e. 'pulsating' city)

- Speeds & intensities
- Space-time, duration and temporality
- Specific 'representation' of spatial rhythms

Wk 5-7] Reconceptualizing City: 'Localization in the 21st Century'

- Monad and the politics of space
- Identity, place, enactment

Wk 7] Presentation – At the end of the quarter each group will present their urban intervention.

This is comprised of:

- Urban analysis
- Urban synthesis
- Urban response

Format: Website with 30 minute oral presentation & 20 minute discussion

| Chinatown: Amsterdam | | |
|-----------------------------|-----------|--|
| 1 | Anders | |
| 1 | Jesper | |
| 1 | Frederico | |
| 1 | Ruben | |
| | | |
| 2 | Tanja | |
| 2 | Liv | |
| 2 | Scerre | |
| 2 | Vangelis | |
| 2 | Claudia | |
| | | |
| 3 | Maria | |
| 3 | Michael | |
| 3 | Madeleine | |
| 3 | Diarmuid | |
| | | |

| Chinatown: The Hague | | |
|-----------------------------|---------|--|
| 4 | Sander | |
| 4 | Eduardo | |
| 4 | Tobias | |
| 4 | Jullien | |
| | | |
| 5 | Joana | |
| 5 | Tiago | |
| 5 | Daniel | |
| 5 | Angela | |
| | | |
| 6 | Ines | |
| 6 | Ricardo | |
| 6 | Pierre | |
| 6 | Fabien | |
| | | |

| Chinatown: Rotterdam | | |
|-----------------------------|------------|--|
| 7 | Johan | |
| 7 | Tove | |
| 7 | Elza | |
| 7 | Clara | |
| | | |
| 8 | Serena | |
| 8 | Angela | |
| 8 | Benjamin | |
| 8 | Alain | |
| | | |
| 9 | Alberto | |
| 9 | Alkmini | |
| 9 | Alexandros | |
| 9 | Alessandro | |
| | | |

[8] Beijing workshop – A 2-week workshop will be held in Beijing exploring the socio-spatial relations in a radically transforming environment. The first week will focus on exploration through a city wide *dérive*. The experience and impressions will be re-presented in the form of installations built on site. The second week will focus on the performance of an urban interference. The workshop will be carried out together with:

[STALKER](#): Lorenzo Romito

[Europe Lost & Found](#): Kyong Park

[TEXAS A&M](#): Peter Lang

[URBAN CHINA](#): Jiang Jun & Yan Han

Monitoring the Urban Body: Modelling Urban Complexity

Alongside the acquisition of Theory, Media & ICT skills, the main activity of the first quarter and the subject for the studios is the setting up of a 'monitor' of the 'urban body'. The aim of the exercise is that students begin to become familiar with the spatial intricacies (locality) as apparent in the Chinatowns of NL, focusing on Amsterdam, The Hague and Netherlands as an empirical reality, and begin to develop ways of representing and modelling urban complexity within each setting. Much urbanistic thinking treats the city as a theoretical construction, superimposing rather abstract conceptions of 'society', 'community', 'economy', or 'culture' over it and attempting to explain it in these terms. Our aim here is to come much more directly to the object itself, but not just to the static material of it, as if it were a piece of architecture – the aim is to begin to monitor and represent its relations, forces, intensities, dynamics, as material and as they exist, in the real world.

The exercise is firstly one of *observation* therefore, but it cannot remain with simple observation without becoming over-local and biased to the viewpoint of the observer. By maintaining one perspective and one scale of looking at the object we maintain a very partial view of the object and loose sight of larger parts and wholes and the way some processes integrate larger realities than the ones we directly see.

We need therefore to *map* and *diagram* what we observe in order to try to uncover some of these not directly seen realities. We could think about being a small microbe somewhere inside the human body. If all we were conscious of was what we saw locally, we would never come to the view of a circulatory system for example, or a nervous or digestive system, that *we*, at the scale of that human body, and with the ability to see it as a whole, know that body to have. In other words, in order to know something as a body, it is sometimes necessary to zoom out and see it from a distance. It is also necessary to use dissecting techniques in order to get under the skin of that body. We use mapping to try to create this artificial zoomed out perspective.

We use ideas of integral relations, dynamics and ecology in order to understand how some of the patterns we see represent systems – realities that hang together conceptually – like the movement system of pedestrian routes or car routes in a city or the region for example.

At the same time there are more 'quantifiable' impressions and observations – like the intensities of activity in different places, or the speeds of movement in different 'veins' and 'arteries', or the 'index' of diversity or mono functionality in areas or places, or incidence of vandalism or crime, or many other things you can think of yourself, that need to be mapped and monitored for the fact that they may give some indication as to the 'vital workings' of this body and its health or otherwise in different places.

You will hear about some ways of representing the city and city systems in the lectures, but it will be the responsibility of each studio group to develop a monitor of the physical shape of the city and its systems, and to develop an understanding of how these systems work together and what they can say about the health or otherwise of the urban body in question. The 'monitor' should be presented as a website – one per group – at the end of the first seven weeks. The studios groups will present their monitor and will offer a diagnosis of the body of their particular Chinatown area. While each group will represent their development through specific websites illustrating their process of exploration and analysis, group members are required to compliment their website with personal web logs of *blogs* thus creating a platform for information exchange by inviting reflections. The website will operate as a real-time diary depicting the gradual substantiating of the urban body project, with the Chinatown case studies, the Beijing workshop and eventually the Architectural Body projects as the 3 primary deliveries. All sites will be accessible through an Urban Body interface website and will subsequently be the platform for the final presentation and future viewing.

Seminars – ‘Reconceptualizing the urban’

Space: See chart below

Days: Wednesdays week 1, 4, 5, 6

Time: 08.45 – 12.30

Contact: 16 hours

Self-study: 48 hours

Weekly seminar sittings are held to discuss the theoretical re-positioning of the contemporary urban field. Simultaneously they will be used to reflect upon the academic and guest lectures given each week and its relation to the studio exercises. The seminars will be based on weekly readings of diverse chapters of Henri Lefebvre's *The Urban Revolution*.

Required reading material:

- *The Urban Revolution* Henri Lefebvre, Neil Smith (foreword), Robert Bonnono (translator). University of Minnesota Press (February 2003)

Seminar 1: Foreword by Neil Smith; *The Urban Revolution (2003)*

Seminar 2: Chapters 1-3; *The Urban Revolution (2003)*

Seminar 3: Chapters 4-7; *The Urban Revolution (2003)*

Seminar 4: Chapters 7-9; *The Urban Revolution (2003)*

Discussion: Urban Evolution – How can we evolve?

Supplementary reading material:

- *Visualizing the Invisible: towards an urban space*, Read, S & Pinilla, C., Technepress (2006)
- *Reassembling the Social: An introduction to Actor-Network Theory*, Bruno Latour. Oxford University Press, USA (2005)

Activities: Complimentary activities and readings may be supplied by each seminar tutor. Each seminar will entail a general Q&A hour, small group (4-5 students) discussion and preparation, followed by a 10 min presentation.

1 hour: Q&A, paper clarification/elaboration “proposing problematics / paradigm shifts”

1.5 hour: group (approx 3-4 students) discussion and preparation

1.5 hour group presentations (10 min presentation / 10 min discussion)

Delivery: Each group is required to write a 5000 word essay (approx 500 word intro, 4 x 1000 word personal position, and 500 word conclusion) entailing a theoretical understanding of the urban body, responding to the notion of ‘localization’ in the contemporary city and how it may evolve. The essay should include material made available and discussed during the lectures and studios as well. It serves as the theoretical underpinning of the studio intention for each group project.

Evaluation:

- 50% group presentations
- 50% individual essays

| Seminar Group 1 | Ir. Ceren Sezer | Week 1 4 5 6 Room: 9.50 |
|-----------------|-----------------|----------------------------------|
| 1 | Anders | |
| 2 | Jesper | |
| 3 | Frederico | |
| 4 | Ruben | |
| 5 | Sander | |
| 6 | Eduardo | |
| 7 | Tobias | |
| 8 | Jullien | |
| 9 | Johan | |
| 10 | Tove | |
| 11 | Elza | |
| 12 | Clara | |

| Seminar Group 2 | Ir. Sheng Qiang | Week 1 4 5 6 Room: 8.50 |
|-----------------|-----------------|----------------------------------|
| 1 | Tanja | |
| 2 | Liv | |
| 3 | Scerre | |
| 4 | Vangelis | |
| 5 | Claudia | |
| 6 | Joana | |
| 7 | Tiago | |
| 8 | Daniel | |
| 9 | Angela | |
| 10 | Serena | |
| 11 | Angela | |
| 12 | Benjamin | |
| 13 | Alain | |

| Seminar Group 3 | Ir. Luki Budiarto | Week 1 4 5 6 Room: 9 South 1 (9Z1) |
|-----------------|-------------------|---|
| 1 | Maria | |
| 2 | Michael | |
| 3 | Madeleine | |
| 4 | Diarmuid | |
| 5 | Ines | |
| 6 | Ricardo | |
| 7 | Pierre | |
| 8 | Fabien | |
| 9 | Alberto | |
| 10 | Alkmini | |
| 11 | Alexandros | |
| 12 | Alessandro | |

Guest Lectures

Days: Thursdays or Friday

Time: evening

Contact: 22.5 hours

Self-study: 45 hours

Urban Body – City as Process (part of 3 ECTS)

| Week: | Date: | Time: | Room: | Lectures: |
|--------------|--------------|---------------|--------------|--|
| Week 1: | 08/02 | 17:30 – 19:00 | 8Z6/7 | AUKE TOUWSLAGER Information Visualization |
| Week 2: | 15/02 | 18:30 – 20:00 | 8Z6/7 | Jereon Schaick Mapping Space-Time |
| Week 3: | 01/03 | 16:45 – 17:15 | 8Z6/7 | Lukasz Stanek Rhythmanalysis |
| Week 5: | 09/03 | 16:45 – 19:45 | 8Z6/7 | MARGIT TAMAS Representation and Presentation |
| Week 6: | 16/03 | 12:30 – 14:30 | 8Z6/7 | LINDA VLASSENROOD NAI – Contemporary China |

Academic Lectures

Days: Tuesday morning | Thursday morning

Time: 08.45 – 10.30 | 10.45 – 12.30

Contact: 22.5 hours

Self-study: 45 hours

Urban Body – City as Process (part of 3 ECTS)

| | | | | |
|---------|-------|---------------|-------|--|
| Week 1: | 06/02 | 08.45 – 10.30 | DSD | SPACELAB (Alexander Vollebregt) The Urban Body |
| Week 1: | 06/02 | 10.45 – 12.30 | DSD | SPACELAB (Stephen Read) Deep Landscape |
| Week 2: | 15/02 | 08.45 – 10.30 | T0_2 | SPACELAB (Alexander Vollebregt) Space & Spatiality |
| Week 2: | 15/02 | 10.45 – 12.30 | T0_2 | SPACELAB (Patrick Healy) Being-in-the-World |
| Week 3: | 22/02 | 08.45 – 10.30 | T0_2 | SPACELAB (Stephen Read) Transforming City |
| Week 3: | 22/02 | 10.45 – 12.30 | T0_2 | SPACELAB (Patrick Healy) Threads and Labyrinths |
| Week 4: | 27/02 | 10.45 – 12.30 | T0_2 | SPACELAB (Arie Graafland) Mapping Urban Complexity |
| Week 4: | 01/03 | 10.45 – 12.30 | 8Z6/7 | SPACELAB (Deborah Hauptmann) Creative Evolution |

Urban Body: Choreographing Space

Delft School for Design
Spacelab: Research laboratory for the contemporary city

12-13 February, 2007

Keywords body, space, harmony, choreography,
 sensation, intensity, information,
 visualization, representation,
 mapping, diagramming, performance



In the framework of the Urban Body studio, Spacelab, in conjunction with the Delft School for Design will be hosting a 2 day workshop entitled "Choreographing Space" on 12-13 February.

The study of architecture, urbanism and building sciences focuses its attention on the built environment. Programs, forms, management and technologies are at the heart of academic discourse. The role of the body of the human inhabitant has not received nearly as much consideration as a force productive of urban space. On the other hand, the search for an understanding of the urban condition has refocused interest on the idea of 'place' as a construct of embodied relations.

The Urban Body studio sets out to engage with MSc students and PhD researchers to stretch our understanding of urban-spatial relations by engaging in a performance-based workshop. Starting with the idea that we, as urban inhabitants cannot be simply perceived as *natural* bodies, but rather are also 'constructed' through our embedding in the city, becoming *urban* bodies in a complex convergent relationship with environment and technologies. Our perceptions engage in complex real-time processes facilitated through new technologies (e.g. hyper-linking and inter-netting). However instructive and beneficial this development may seem, one must consider it's a/effects to our primary senses. With an over-flow of mental processes, the 'clouded' mind seems to neglect its more sensitive operations. Our conscious understanding of the spaces we inhabit may be seemingly fading as we are overwhelmed by present demands of our everyday movements and practices.

The workshop will focus on generating an enhanced appreciation of our body-space relation by engaging in performance and dance to explore how the human body inscribes its spatiality through the appropriation urban space-time. Furthermore, through the manipulation of our visual and audio senses, a series of experimental performances will be carried out to study its affect on our perceptual senses. Simultaneously – as spatial designers – we need to instrumentalize such knowledge by exploring new ways of representing virtual processes. The search for informative annotation of mapping and diagramming techniques of space-time processes will be facilitated through lectures and instructions covering Information Visualization.

The initiative proceeds with the conviction that with a refined attunement of our bodily experiences we may strengthen our abilities to further facilitate inter-human relations by designing *appropriate* environments for the diversity of human agents in their everyday life-worlds.

Curator, instructor
Choreography, performance
Diagramming

Alexander Vollebregt (www.spacelab.tudelft.nl)
Susanna Recchia
Auke Touwslager (www.informationlab.org)

Programme

MONDAY (12-02-07)

Lecture: Information Visualization

Play on senses: blind space / mute space

Performance & storyboard

Movie

TUESDAY (13-02-07)

BodyMapping/drawings

Performances

Reflection

Urban Body: Politics Poiesis

Delft School for Design

Spacelab: Research laboratory for the contemporary city

19-20 February, 2007

Artist

Daniele Pario Perra (www.contraconcept.org)

Photographer

Roberto Dell'Orco (www.stalkerlab.it)

Keywords sublime, everyday, signs, reading, social, conceived and lived spaces,
diversity and creativity, photography, image

In the framework of the Urban Body studio, Spacelab, in conjunction with the Delft School for Design will be hosting a 2 day workshop entitled "Politics Poiesis" on 19-20 February.

The urban and architectural professions are primarily engaged in conceiving standardized urban environments as a result of spatial, programmatic and (infra)structural interventions. At the same time advances in communications technologies have enabled a massive regularization of our public intersubjective worlds. The realization that the urban field is constituted through a multiplicity of singular life-worlds, each with a unique perception and understanding of its own 'constructed' Umwelt is not acknowledged in planning and design praxis.

Globalization has engendered stresses in our contemporary urban frameworks. While cities are encrypted with signs, the social fabric has splintered into a myriad of cultures. Global migrations of races, religions, languages and simply diverse ways-of-being have resulted in urban environments of enormous diversity. The new 'societies', engender new ways of inhabiting urban space. Cities have become the stage for creative reinterpretations of the environment as public space is transformed into spaces for diverse publics.

The Urban Body studio sets out to engage with MSc students and PhD researchers to focus on the conditions and e/effects of creative everyday practices. Difference is acknowledged as creatively underpinning socio-cultural value, and diversity is expressed in the everyday urban. The reappropriation of planned spaces through the enactment of everyday lives transforms prescribed spaces into surfaces of placeness.

A workshop has been organized to draw attention to the notion and aesthetics of the everyday. The focus is to investigate the conditions which promote a creative everyday practice. Participants will take part in a series of experimental engagements to test out and capture through the lens of a camera potentials for generating a creative responsiveness towards the urban scene. The initiative starts with the idea that an attunement to the way everyday practices are effectuated by the myriad of urban inhabitants may strengthen designers and planners abilities to further facilitate inter-human relations by making *appropriate* environments for diverse human agents in their everyday life-worlds.

Programme

MONDAY (19-02-07)

Lecture: Framing the Image / Politics Poiesis

Setting the stage

Movie

TUESDAY (20-02-07)

Engagement and performance

Capturing sublimity

Reflection

FILM & MEDIA

Teacher: Margit Tamas | +31 (0)15 2784047 | m.tamas@bkt.tudelft.nl
Rob Maas | +31 (0)15 2784245 | r.maas@bk.tudelft.nl

Space: Multimedia Lab (1st floor)
Days: Tuesday, Wednesday or Friday
Week: 1 – 4
Time: 13.45 – 15.45 or 15.45 – 17.30
Contact: 8 hours
Self-study: 24 hours

Rhythmanalyses & Trailer

- Video Techniques
- Adobe Premiere Pro

Schedule:

Week 1-4 Rhythmanalyses

Week 5-7 Trailer

| Video Group I | 13.45 – 15.45 | Week 1 – 4 Room: Media Lab |
|---------------|---------------|-------------------------------|
| 1 | Anders | |
| 2 | Jesper | |
| 3 | Frederico | |
| 4 | Ruben | |
| 5 | Tanja | |
| 6 | Liv | |
| 7 | Scerre | |
| 8 | Vangelis | |
| 9 | Claudia | |
| 10 | Maria | |
| 11 | Michael | |
| 12 | Madeleine | |
| 13 | Diarmuid | |
| 14 | Sander | |
| 15 | Eduardo | |
| 16 | Tobias | |
| 17 | Jullien | |
| 18 | Joana | |
| 19 | Tiago | |
| 20 | Daniel | |
| 21 | Angela | |

| Video Group II | 15.45 – 17.45 | Week 1 – 4 Room: Media Lab |
|----------------|---------------|-------------------------------|
| 1 | Ines | |
| 2 | Ricardo | |
| 3 | Pierre | |
| 4 | Fabien | |
| 5 | Johan | |
| 6 | Tove | |
| 7 | Elza | |
| 8 | Clara | |
| 9 | Serena | |
| 10 | Angela | |
| 11 | Benjamin | |
| 12 | Alain | |
| 13 | Alberto | |
| 14 | Alkmini | |
| 15 | Alexandros | |
| 16 | Alessandro | |



Technisch
Ontwerp
& Informatica

AR0300 - Urban Body | DREAMWEAVER & FLASH

Technical Design and Informatics

Teacher: Ernst JanssenGroesbeek | +31 (0)15 2789314 | e.j.janssengroesbeek@bk.tudelft.nl

Space: ICTO 1, 2 or 3

Days: Mondays

Week: Weeks 1 – 7

Time: 08.45 – 12.30 or 13.45 – 17.30

Contact: 14 hours

Self-study: 42 hours



Dreamweaver & Flash Website Development

This course is offered in collaboration with Technical Design and Informatics (TO&I). The course does not assume any prior experience with Macromedia Dreamweaver or Flash.

The Flash and Dreamweaver instructions will provide all the tools for creating a process and presentation website, which will function as an information organization and display platform. Parallel to the course the students will use a weblog (for instance Blogger) as a self-reflection & exchange platform linked to their website. While the website is meant to show the technical process of the course, the blog is meant as a personal communication platform.

All course material will be available through the TO&I website: <http://toi.bk.tudelft.nl>.

| week | phase / theme | Monday 13:45-15:30 |
|------|---------------|---|
| 1 | subject | <i>flash</i> - basics - animations |
| 2 | object | <i>dreamweaver</i> - html basics - images, embedding videos and objects |
| 3 | mapping | <i>flash</i> - advanced animations - importing video + sound - basic scripting |
| 4 | mapping | <i>flash</i> - more scripting: loading, controlling video etc. - problem solving |
| 5 | idea | <i>problem solving</i> |
| 6 | proposal | <i>dreamweaver</i> - css - layouts: tables, divs etc. |
| 7 | presentation | <i>problem solving</i> |

Students will control their own website via ftp-server (<ftp://cobalt3.tudelft.nl>) and have their own responsibility for publishing their website and keeping it up to date.

All results will be visible on the Urban Body site: www.urbanbody.org/students.

Website publishing and maintenance

To upload and edit the content of your team website, follow these steps:

1. Gather all the material for your website; make sure all links, images and objects have relative paths.
2. Make sure you have access to the TU network by:
 - Using a computer within the TU.
 - Use VPN client (see <http://luchthaven.tudelft.nl/> for instructions)
3. Use Microsoft Internet Explorer or an ftp-client (such as Filezilla) and go to: <ftp://cobalt3.tudelft.nl>.
4. Ignore the error you will receive in a pop-up window.
5. If you're using Internet Explorer go to File > Login as... and fill in the username and password (if you're using an ftp-client fill these in, in the corresponding boxes).
6. You should now be logged in. The folder you are now in is your root folder. Your team members are the only ones who have access to this folder.
7. You can now put your website material in this folder. Make sure your index.html file is in your root folder.
8. If you're done log out. Your material is saved the moment it is in your folder.
9. Check out your website on this site www.urbanbody.org/students.

Rules for using the ftp-server:

- The server is property of DTO, TU Delft. They eventually control the server. Therefore you should make sure you always have a backup of your content.
- Don't let your content exceed 400MB, if the server gets too full access will be blocked by DTO. Save your working files somewhere else and use compressions for your images, animations and videos.

Don't give your username and password to anyone outside your team



AR0300 - Urban Body | MAYA DYNAMIC MAPPING

Technical Design and Informatics

Teacher: Ernst JanssenGroesbeek | +31 (0)15 2789314 | e.j.janssengroesbeek@bk.tudelft.nl

Space: ICTO 1, 2 or 3

Days: Mondays

Week: Weeks 1 – 7

Time: 08.45 – 12.30 or 13.45 – 17.30

Contact: 14 hours

Self-study: 42 hours



Maya Dynamic Mapping

This course is offered in collaboration with Technical Design and Informatics (TO&I). Students should have basic Maya skills: basic use of modelling tools (nurbs & polygons) and navigation.

The Maya Dynamic Mapping instructions will provide tools for mapping the immaterial relations and urban structure in a dynamic model. The model will be developed through the sessions. The output of the model, images and animations, will be among the material used for the team website.

All course material will be available through the TO&I website:

<http://toi.bk.tudelft.nl>.

| week | phase / theme | Wednesday 8:45-10:30 |
|------|---------------|---------------------------------------|
| 1 | subject | <i>maya</i> - immaterial relations |
| 2 | object | <i>maya</i> - immaterial relations |
| 3 | mapping | <i>maya</i> - urban practice |
| 4 | mapping | <i>maya</i> - urban structure |
| 5 | idea | |
| 6 | proposal | |
| 7 | presentation | |

Urban Body: Lost Labyrinths of Beijing

International Workshop with

TU Delft & Tsinghua University

24 March – 07 April

China, with more than 1/6th of the world's population, is engaged in a massive transformation process as it opens its doors to the world and the opportunities and risks of the global market. Beijing sits at the center of this process as it prepares to host the 2008 Olympic Games, but the spatial and social fabric of this great city is being put under immense strain as it rushes to modernize. The debate concerning the respective claims of heritage and social continuity against those of a modernizing population, global tourism and the international market gets left behind in the pace of events. Beijing sits at a critical point in its history as the particular qualities built into the fabric of the local place over centuries of history are exposed to this enormous threat. The Urban Body studio aims to place itself in this pressured space between the demands of the global and modernization and those of the local and its particular social, historical and place qualities, and will look for strategies towards sustainability and prosperity that work with the local particularity of this great city. What happens now is critical for the city's future and the way it delivers a sustainable prosperity and urban quality for its diverse users. It is critical also for the way transportation, housing, commercial and industrial strategies will impact on a broader global environment.

The Urban Body studio from the TU Delft will work in collaboration with Beijing's Tsinghua University in an international 2-week workshop in the spring of 2007. Teachers and students will aim to come up with advanced and original urban development and sustainability strategies for Beijing. They will work in collaboration with the Central Academy of Fine Arts, international experts from different disciplines, and teams of local architects, academics and artists, to find new possibilities and opportunities in the urban spaces where everyday lives and micro-economies meet the flux of global visitors and commodities.

Forty students from the Faculty of Architecture, Urbanism and Building Sciences of the TU Delft, together with local participants will take part in an urban exploration curated in conjunction with Lorenzo Romito, Kyong Park and Peter Lang. The idea of the workshop is to bring together diverse disciplines and participants to generate new understandings of the possibilities and challenges facing our changing urban world. Embracing the value of the labyrinth-like spaces of the traditional Chinese fabric as the spatial framework which engendered a rich and creative social praxis, a strive to find sensible culturally motivated responses will be sought after as this intricate fabric is threatened by the contemporary urban developments strategies driven by a market, profit-oriented mind-set.

The people and institutions involved from the diverse disciplines search to facilitate an event that will produce not only new ideas and new knowledge, but also the professionals who will be involved with these challenging issues in their future careers. Companies and institutions who have a concern for the built and the global environment, for the education of concerned and able professionals, and for prosperous and sustainable futures for all the world's populations have illustrated their interest and belief in this venture through varied financial support for the travelling students of TU Delft.

The event will be covered in a special edition of the international urban design magazine *Urban China*, which will be distributed worldwide, and with follow-up features in major journals in the Netherlands. The results of the workshop will be presented at an international symposium to be held at the Netherlands Architecture Institute, and exhibited at the Tsinghua University in Beijing and at the Faculty of Architecture, TU Delft. An international book, to be published at the end of the year, will report on and publicize the results of the workshop and symposium. Contributions of the sponsors will be acknowledged in both the exhibitions and publications.

Local Partners:

Tsinghua University: Prof. Wenyi Zhu (Dean)
Urban China: Jun Jiang, Yan Han

Local Contributors:

Tsinghua University: Associate Prof. Rong Zhou
Central Academy of Fine Art: Prof. Pingjing Lv

International Contributors:

Stalker: Lorenzo Romito
Europe Lost & Found: Kyong Park
Texas A&M: Peter Lang
Bas Princen: architect/photographer

Local Participants:

Liu Jiakun (Architect)
Wang Hui (Architect)
Wang Shu (Architect)
Zhu Pei (Architect)
Wang Yun (Architect)
Liu Heng (Architect)
Matsubara Hironori (Architect)
AMO Beijing (Urban Researcher)
Liang Jingyu (Urban Researcher)
Ou Ning (Urban Researcher)
Dynamic City Foundation (Urban Researcher)
People's Architecture (Urban Researcher)
Underline Office (Urban Researcher)
N studio (Urban Researcher)
CGA (Urban Researcher)
Map Office (Urban Researcher)
Unit (Urban Researcher)
Lu Yinghua (Urban Researcher)
Shi Jian (Scholar)
Wang Jun (Scholar)
Wang Jianwei (Artist)
8GG (Artist)
Vitamin Art Space (Artist)
Yah (Artist)
Zeng Han (Artist)
Mewe Alliance (Artist)
Ai Weiwei (Artist)

Architectural Body (AR0310) 12 ECTS – ‘Process to Product’

The *Architectural Body* is an architectural design task that runs subsequent the *Urban Body* studio. The course focuses at translating urban flows into an architectural body. Students will utilize the *information* generated from the Urban Body analysis and synthesis to design an architectural project that itself is constituted through the new urban condition. The course is focused primarily around intense weekly studio sessions (2 per week) that will produce individual projects to be presented in a conference form in order to reflect back on the discourse concerning the urban and architectural body and its material and immaterial relationships.

Five different studios with unique design perspectives will develop a process driven approach to *form* the architectural body. Beginning with the bases that “form follows forces”, studios will utilise the extrinsic urban forces resultant from the *Urban Body* studio, and compliment it with specific intrinsic forces (e.g activity, flow, design technique, etc) to realise and materialise an architectural project. An additional input on ‘substance and mater’ of form will be facilitated with the *Materia* workshop plug-ins.

Accompanying the ongoing discourse concerning innovative design process and products the studio sets out to accommodate the emergent socio-spatial relations in the ‘urban’, and through the use of parametric design process to stimulate novel techniques to understanding and intervene in the architectural and urban environment.

Students will be challenged to further their skills on two primary levels:

- 1) Development of computer aided design techniques through the use of parametric design with instruments and techniques developed in the specific studios.
- 2) The translation (or trans-coding) of urban maps and diagrams into an architectural body that through its manifestation (from process to product) reconfigures and becomes part of a new urban reality.

Individual projects should be drawn out and presented during a presentation at the end of the quarter. This includes a presentation as well as textual elaboration concerning the use and translation of urban patterns.

Study goals will focus at:

- Translation of urban mapping of dynamic processes into an architectural body
- The use of innovative techniques and theory of urban systems as a design framework
- Design of the architectural and urban environment
- Realisation of complex materialisation and construction techniques for adaptable systems

[9] Architectural Studios – Weekly Research & Design [R&D] studios will be held throughout the quarter to facilitate the architectural design process. Two studio themes will be offered challenging with the architectural research & design process through a ‘material’ and ‘immaterial’ perspective.

- **Material Architecture**
- **Immaterial Architecture**

Two tutors will teach each studio ensuring a transdisciplinary approach. Tutors may organise additional activities (lectures, seminars, excursion or workshops) to further facilitate the specific design perspectives.

Material Architecture (12 ECTS)

Theatrical Space: Bodies in Motion

Instructors: Sang Lee M. Arch. RA | +31 (0)6 29425432 | sangleearchitect@gmail.com

Instructors: Ruth Baumeister Dipl-Arch. | +31 (0)6 1805 6424 | ruth.baumeister@gmail.com

Instructors: Celine Jeanne, M. Arch.

Space: 5 South 3

Days: Monday / Wednesday

Weeks: week 10 – week 20

Time: 14.00 – 17.30

Contact: 112 hours

Self-study: 224

Studio brief:

The Architectural Body studio deals with the issue of “skin” and its composition as a design process. As with human body, the skin of architectures contains a long substantial history and more importantly today, represents a complex mixture of cultural expression and technological advances. This studio will examine how we can conceive of the strategies in “wrapping” a body (architecture) with skin.

As the building envelope is for the architect what the “canvas” is to the artist, architectural investigation of the envelope is conducted through the possibilities of the materiality not only simply as surface condition but also more interestingly as a sensory object. The envelope is thus capable of its abstraction at the scale of the urban façade. The vocabulary around the design process will avoid the common and archetypal meaning of terms such as colors, effects and assembly, but open the fields of vocabulary used in such as music, fashion, composition and performance art. From this perspective, the “intelligence” of the envelope rather serves both the sensorial and material properties of the skin as such (texture, insular quality, transparency, suppleness, continuity, etc.) before it serves the technical specification, the former instance helping define the latter.

In conjunction with the Urban Body, the studio will focus on the building envelope’s role in an urban context, its interpretation and finding the codified techniques toward the relationship between the building skin and the program. The primary techniques in the studio will focus around the conception, fabrication and deployment of index models. In addition, each design project will consist of analogical discourses in cultural mapping and tracing the invisible toward establishing “specific generalities”. The design projects will culminate in a formal description of architectonic composition.

Teachers Bio:

Sang Lee, M.Arch. RA is an architect based in Rotterdam and an adjunct faculty member at the Delft University of Technology and the Eindhoven University of Technology in the Netherlands. From 2000 until 2003 he has been Lecturer of Architecture and the coordinator of the US-EU exchange program at the School of Design, the University of Pennsylvania, where he taught M. Arch. core design studios and advanced research studios. He was also Visiting Lecturer at the Bauhaus Summer Academy in Rome in 1999, 2000 and 2003, and has served as a guest critic at numerous architecture schools including Columbia University, Pratt Institute and Sci-ARC.

His design and research interests emphasize the relationship between architecture, media and performing arts toward a means to assemble, reframe and project spatial narrative

qualities as an organization of the intangible. The technique of *spatio-mnemonic sampling* of disparate aspects and re-sequencing an architectural codification system has constituted an important component of his work.

Currently he is co-editing a volume titled, "The Domestic and The Foreign: Architecture in Globalization", an investigation on the premise of architectural practice in a globalized environment, due out in spring 2006. He is also currently working on a research and publication project on Asger Jorn's house and artwork and the Situationist design strategy of *psychogeography*, funded by the grants from the European Commission's Directorate of Culture and the Federal Cultural Foundation of Germany.

Ruth Baumeister, Dipl. Arch is an architect in Rotterdam and an adjunct lecturer at the Delft University of Technology. From 1997 until 2005 she has been an assistant professor at the Department of Architecture History and Theory at the Bauhaus-University Weimar, where she was in charge of the Bauhaus International Programs, the US-EU Joint Consortia exchange program (2000-2003) and the Bauhaus Summer Academy in Rome (1999, 2000 and 2004). She has served as a guest critic at the University of Pennsylvania, Sci-Arc, Penn State University Sede di Roma and the Eindhoven University of Technology. In 2003 and 2004 she served as an independent consultant to evaluate research projects for the European Commission.

Currently, she is co-editing a volume titled, "The Domestic and the Foreign: Architecture in Globalization", an investigation of architectural practice and production in a globalized environment, due out in spring 2006. Currently she is also working on a research project on Casa Jorn Albissola, the house and garden complex of Asger Jorn in Italy, funded by the Culture 2000 program of the European Commission, Brussels and the Federal Cultural Foundation (die Kulturstiftung des Bundes), Halle, Germany.

Her research interests focus on the architectural theory of the 1950's and 60's Cobra and Situationist movements and the Bauhaus. Her doctoral dissertation is titled, "Asger Jorn's Architecture Sauvage", dealing with primitivism in architecture.

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Immaterial Architecture (12 ECTS)

Rotterdam CS: Making & Breaking the Unified Model

Teacher: Marc Neelen | +31 (0)10 4668100 | stealth@ultd.net

Teacher: Ana Dzokic | +31 (0)10 4668100 | stealth@ultd.net

Teacher: Mario Campanella | +31 (0)10 4668100 | stealth@ultd.net

Space: 3 South 3

Days: Monday / Wednesday

Weeks: week 10 – week 20

Time: 14.00 – 17.30

Contact: 112 hours

Self-study: 224

Studio brief:

The urban body as a 'blur of movement captured on a time-lapse camera', a vividness and fluidity of street life, so characteristic for many South European, South American and especially Asian cities, is not easily related to the immediate urban experience one encounters in the Netherlands. Nonetheless, Dutch society shows a remarkable structural fluidity - in the relationships between different groups and the society they assemble or in their positions in the urban context - making it an agile environment. Surprisingly responsive even, when compared to the earlier mentioned cities in which roles of citizens and institutions are often much more fixed.

Clearly then, the dynamics of the Dutch society are not that immediate to measure by what happens on the street - to understand them and engage with them, they should be for that reason approached from within.

This studio is interested in the forces and undercurrents that shape the Dutch cities. To exemplify it, the chosen site for this studio is the surrounding of the Central Station in Rotterdam; an area currently subject to a massive urban reconstruction. As a result of this process many vacant office spaces, temporary programs, and houses waiting for the reconstruction are agglomerating around it. It is a very dynamic spot with many players involved, often interlocked in their different interests - or simply restlessly waiting to set-off.

While, on one side of the scale, the area is subject to many top-down planning decisions (railway station, large multi-national companies) or engineered situations on the neighbourhood level (WOM initiative in the area behind the station), on the other extreme it is a fertile ground for many bottom-up uses of space (clubs, small scale creative practices, squatted facilities...), whereas in the middle there are all shades of market forces. The studio takes off on the adventure to model the actors and their strategies towards the upcoming developments.

It will be approached following three steps:

[step 1: mapping] To engage with the dynamics of the site the participants of the studio will form groups and get associated with a specific type of key players ('actors') active in the area. Each group will engage in tracing down the specific time use of territories these players occupy and also (by using for instance interview format) discover their interests and ways of operating. This will result in a common time/space use map and in 'use cases' for the key actors. That will be the starting material for the modelling step.

[step 2: modelling] Parallel to mapping the actors, participants will be introduced to some aspects of UML (Unified Modelling Language). This modelling methodology will be used to create a common language and a ground to understand positions and interests of the different actor groups. Although UML has been used to model various software and business processes, little experience has been made to use it in modelling of urban processes. The result of this experiment will be a common set of relational diagrams and experience with the use of UML software in the urban domain.

[step 3: scenarios] To imagine the set of possible futures for this area, the participants of the studio will take the roles of particular actors in the area and play out their tactics. From here on a 'strategic competition' will unfold exploring how the course of development of the Central Station area can be navigated and what the crucial steering points and moments are in such a complex development trajectory.

Teachers Bio:

Ana Dzokic graduated from the Faculty of Architecture, University of Belgrade (Serbia). In 1998 Ana moved to the Netherlands and enrolled to the Berlage Institute Rotterdam where in 2000 she received her Masters in Architecture on the issue of the unplanned urban transformation of the city of Belgrade. Parallel to the work within STEALTH Ana is a guest lecturer at the Faculty of Architecture, TU Delft.

Mario Campanella aeronautic engineer, received his Masters in Science in artificial intelligence at the Instituto Militar de Engenharia (Brazil). He worked as an expert on several generative spatial modeling projects, a/o with architect Arnold Walz on Gaudi Digital and MaxWan on a tool that generates prototypes of urban layout. Further he worked for KCAP architects on development of an urban simulation model that serves as support for a design.

Marc Neelen graduated in 1997 from the Faculty of Architecture at the Delft University of Technology (The Netherlands). While studying Marc has been a co-editor of Omslag – an architectural magazine. Parallel to the work within STEALTH Marc is focusing on new design techniques and the influence of information technology on the practice of architecture and urban design in projects with a/o V2_Lab, ArchiNed and the Smart Architecture network.

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Materia – ‘Substance & Matter’ (AR0315) 3 ECTS

Space: Zaal D / Zaal C / BK Instr 0_1

Days: Thursday morning | evening

Time: 08.45 – 10.30 | 18.30 – 20.00

Contact: 20 hours

Self-study: 60

Materia focuses at investigating the nature of ‘substance’ and ‘matter’ of an architectural body. It is correlated at the Architectural Body design studios and serves to advance the studio intention. Lectures, seminars, workshops or excursions will aim at enhancing the discourse concerning architectural design process and presentation.

Material Architecture

Students are challenged to rethink the role of material, constructions, form and representation not as a consequence (or by-product) of architectural design, but rather as an integral ingredient that in itself can reinvigorate and *inform* the design process and stimulate the conception of a novel architectural body. Secondly it focuses at the representation and presentation of an architectural conception, concentrating at narrative, perception and perspective.

Study goals will focus at:

- The use of novel materials as architectural design parameter
- Realisation of complex materialisation and construction techniques for adaptable systems

Immaterial Architecture

Students are challenged to rethink the role of immaterial (non-physical) relations and processes in the architectural body. Serving to enhance the understanding of hidden relation and forces that e/affect the architectural urban body, it will focus on architecting spaces of interference in the contemporary city. The role of the physical as a facilitator of urban processes will be sought after and effectuated in *forming* inhabitants through provocation of spatial inhabitants. Secondly it focuses at the representation and presentation of an architectural conception, concentrating at narrative, perception and perspective.

Study goals will focus at:

- The understanding of social-spatial e/affects in the urban setting
- The understanding and representation of complex and dynamic processes in relation to an interpretive and engaging architecture.

Time Frame

9-week: February – April: Urban Body

- wk 1-4 Analyzing Chinatown NL: Amsterdam – The Hague – Rotterdam
- wk 5-7 Synthesizing 'Localization'
- wk 8-9 Beijing Workshop

9-week: April – June: Architectural Body & Materia

- wk 10 – 18 Architectural studio
- wk 10 – 15 Materia
- wk 20 Presentation Architectural Body

Delivery

The MSc Studio will deliver a publication illustrating both urban and architectural body studio work. While the *Urban Body* analysis and design will be performed in groups (group websites), the *Architectural Body* designs may be primarily individually based.

Enrolment:

The Urban Body Studio has been designed as a complete semester program, compiling of three courses that collectively amount to 30 ECTS:

- Urban Body (AR0300) 15 ECTS – 1st quarter
- Architectural Body (AR0310) 12 ECTS – 2nd quarter
- Materia (3 ECTS) – 2nd quarter

Optimally the studio should be followed as a complete program. Unfortunately, only Architecture students have the entire MSc2 semester available for electives. Urbanism students that wish to take part in the studio, only have availability to follow the 2nd quarter Architectural Body (AR0310) 12 ECTS and Materia (AR0315) 3 ECTS.

Selection Criteria:

A maximum of 60 students can be allowed to participate in the Urban Body studio. As no selection criteria can be made, the first 60 students to enrol will be accepted. The Urban Body studio will be run as a complete unit with groups formed between 3-5 students. The selection for Architectural Body studios will be made through enrolment at the end of the 1st quarter. An even distribution will be made for all of the studios; students will need to submit a 1st and 2nd studio choices to a selection committee.

Selections will eventually be made based on the perspective and products generated from the Urban Body quarter.

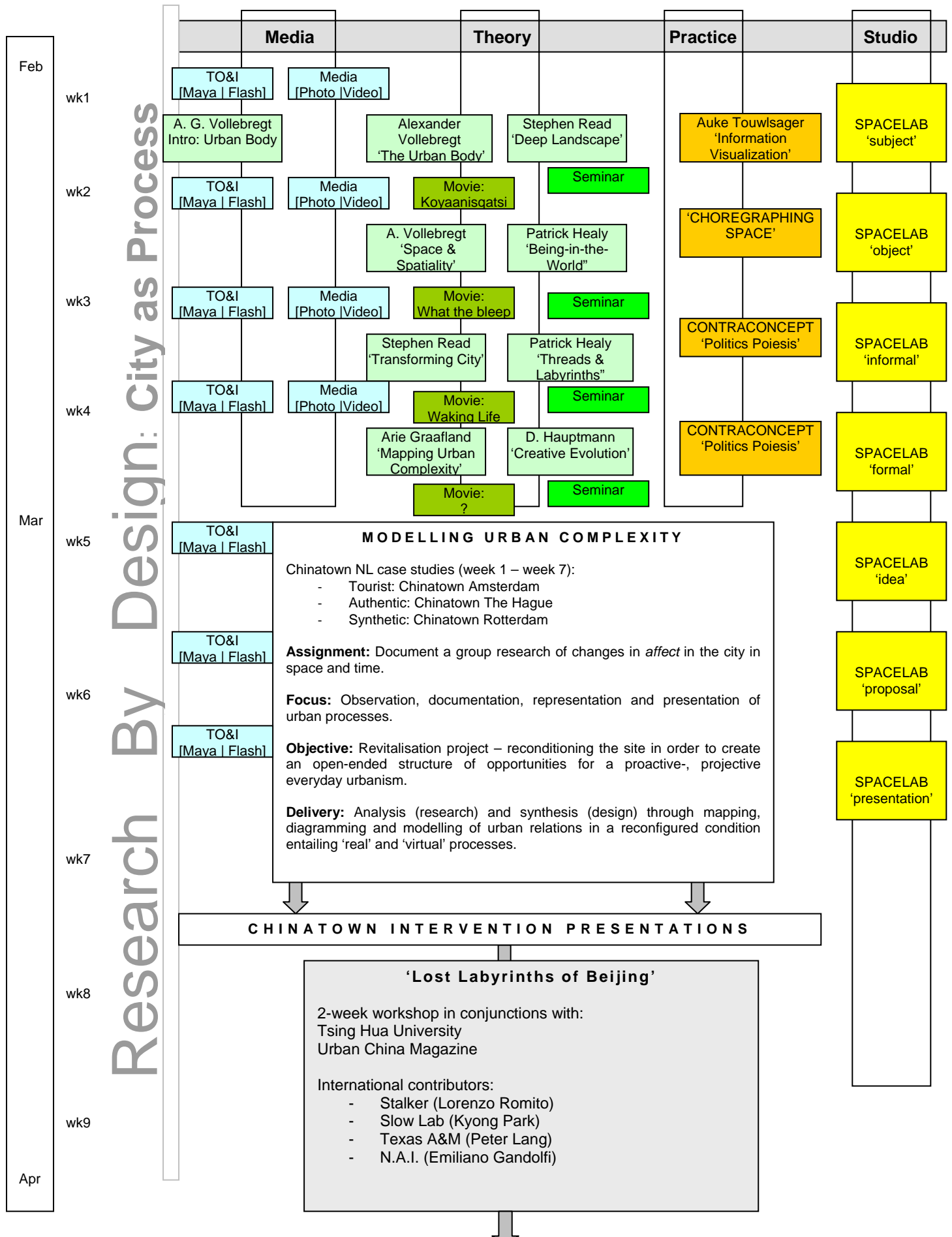
For more information see: www.urbanbody.org

Questions can be addressed to: spacelab@bk.tudelft.nl

Coordinator: Alexander G. Vollebregt
Room 8.50
T 015 278 4254
F 015 278 3694
E A.G.Vollebregt@tudelft.nl

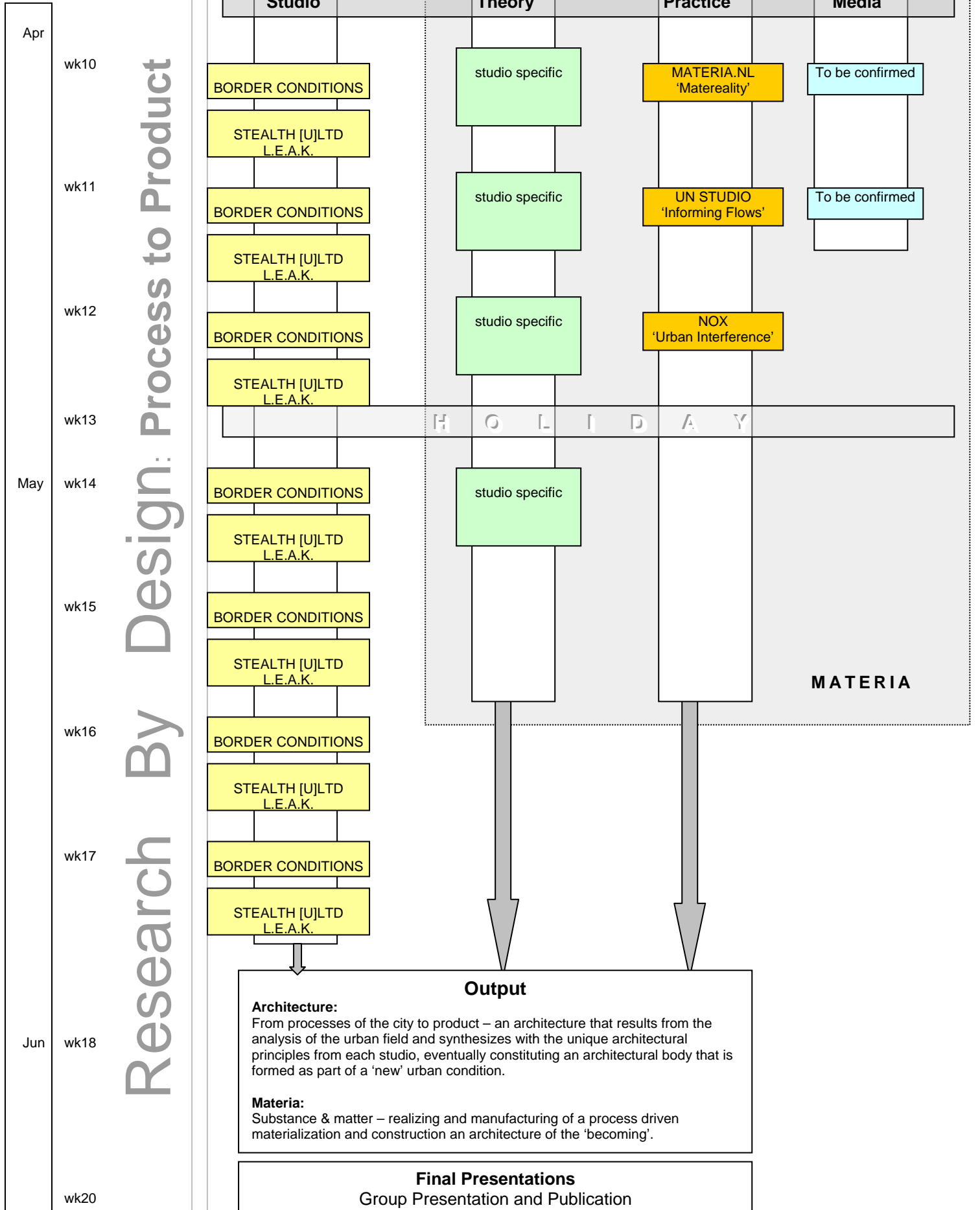
Urban Body

MSc2: 1st Quarter 2007



Architectural Body & Materia

MSc2: 2nd Quarter 2007



Research By Design: Process to Product

MATERIA

Output

Architecture:

From processes of the city to product – an architecture that results from the analysis of the urban field and synthesizes with the unique architectural principles from each studio, eventually constituting an architectural body that is formed as part of a 'new' urban condition.

Materia:

Substance & matter – realizing and manufacturing of a process driven materialization and construction an architecture of the 'becoming'.

Final Presentations

Group Presentation and Publication

Spring Semester 2007

Urban Body

Student Information

| Student No | Family Name | Name | Gender | Nationality | Student Type | Address | Postcode | City | 1st-Email | Cell-Phone | Location | Gr# | Seminar group |
|------------|--------------|------------|--------|-------------|--------------|--------------------------------|----------|-----------|-------------------------------------|--------------|-----------|-----|---------------|
| | Ramirez | Angela | f | Mexican | Exchange | Prof. Everstlaan #140 K5 | 2628 XZ | Delft | angellita02@gmail.com | | Den Haag | 3 | 2 |
| | Cecena | Daniel | m | Mexican | Exchange | Prof. Everstlaan #140 K5 | 2628 XZ | Delft | elnuevohuevoman@hotmail.com | 0620882747 | Den Haag | 3 | 2 |
| | Torres | Joana | f | Portuguese | Erasmus | Jacoba van Beierenlaan n59 k14 | 2613 JA | Delft | torres.ioana@gmail.com | 0642627253 | Den Haag | 3 | 2 |
| | Hurel | Alain | m | French | Erasmus | Poptahof Nord 10 | 2624 PV | Delft | alainhurel@hotmail.fr | | Rotterdam | | 2 |
| | Frechet | Benjamin | m | French | Erasmus | Roland Hostlaan | 2624 HA | Delft | benjaminfrechet@hotmail.fr | | Rotterdam | | 3 |
| 1342177 | Fogelstrom | Tove | f | Swedish | Erasmus | Nieuwe Binnenweg 126 | 3015 BE | Rotterdam | t.s.f.fogelstrom@student.tudelft.nl | 0625170439 | Rotterdam | 7 | 1 |
| 1345923 | Kotsioris | Evangelos | m | Hellenic | Erasmus | Soetendaalseweg 24B | 3036 EP | Rotterdam | oxotnic@mycosmos.gr | 0648224701 | Rotterdam | 2 | 2 |
| | Petraki | Alkmini | f | Hellenic | Erasmus | Soetendaalseweg 24B | 3036 EP | Rotterdam | alkmnp@gmail.com | 0648229218 | Rotterdam | | |
| 1327070 | Lara | Alberto | m | Mexican | Exchange | Prof. Everstlaan #140 K1 | 2628 XZ | Delft | ablp@yahoo.com | 0626319775 | Rotterdam | 6 | 2 |
| 1336479 | Correia | Ines | f | Portuguese | Erasmus | Poptahof Noord 180 | 2624 EZ | Delft | Lontinha@netcabo.pt | 0629321802 | Den Haag | | 3 |
| 1337823 | Mesquita | Ricardo | m | Portuguese | Erasmus | Papsouwsewaan 80 | 2624 EC | Delft | ricardodemesquita@gmail.com | 0627570569 | Den Haag | | 3 |
| 1331876 | Bergqvist | Tanja | f | Norwegian | Exchange | Rochussenstraat 231 E | 3021 NV | Rotterdam | bergqvist@mail.aho.no | 0644899294 | Amsterdam | 2 | 2 |
| 1331809 | compan | fabien | m | French | Erasmus | | | Delft | debarquement@msn.com | 0618917089 | Den Haag | | 3 |
| 1331868 | berthelomeau | pierre | m | French | Erasmus | papsouwsewaan 66 | 2426ab | Delft | pierro-de-la-vega@hotmail.fr | 0618782365 | Den Haag | | 3 |
| 1331779 | D` Ersu | Madeleine | f | French | Erasmus | Poptahof Noord 313 | 2624 | Delft | madcowdersu@hotmail.fr | 0645125341 | Amsterdam | | 3 |
| 1337831 | Maennling | Maria | f | German | Erasmus | Poptahof Noord 164a | 2624RE | Delft | ma_maennling@hotmail.com | 0638680160 | Amsterdam | 3 | |
| 1282255 | Eversen | Michael | m | Netherlands | Regular | Multatuliweg 4 | 2624 CH | Delft | michaeleversen@gmail.com | 0642477921 | Amsterdam | 3 | 3 |
| 1337777 | O` Sullivan | Diarmuid | m | Irish | Erasmus | Poptahof Noord 16C | 2624 PV | Delft | diarmuidosu@gmail.com | 0643704595 | Amsterdam | 3 | 3 |
| 1345966 | Gobbetti | Alessandro | m | Italian | Erasmus | Poptahof Noord 151 B | | Delft | alegobbetti@gmail.com | | | | |
| 1345745 | Veloudis | Alexandros | m | Hellenic | Erasmus | Soetendaalseweg 24B | 3036 EP | Rotterdam | alxksv@gmail.com | 0648224653 | | | |
| 1336150 | Lambuça | Tiago | m | Portuguese | Erasmus | Poptahof Noord 29 | 2624 Pw | Delft | tj.lambuca@gmail.com | 0643700557 | Den Haag | 3 | 2 |
| 1347985 | Kaasen | Liv | f | Norwegian | Erasmus | Palmederstraat 11 | | Delft | liv.kaasen@gmail.com | 0624194048 | Amsterdam | 2 | 2 |
| 1336959 | Testa | Federico | m | Italian | Exchange | Troelstralaan 214 b | 2624gb | Delft | sberla84@gmail.com | 0655928801 | Amsterdam | 1 | 1 |
| 1326279 | Buhmann | Claudia | f | german | MSc U | Pasteurstraat 145 | 2522RH | Den Haag | cl.buhmann@web.de | 0610181376 | Amsterdam | 2 | 2 |
| 1340565 | Winther | Sverre | m | norwegian | Erasmus | Palamedesstraat 11 | | Delft | sverrew@stud.ntnu.no | | Amsterdam | 2 | 2 |
| 1337793 | Muccitelli | Serena | f | italian | Erasmus | van vollenhovenstraat 58A | 3016BK | Rotterdam | serena.mg@gmail.com | 0618692485 | Rotterdam | | 2 |
| 1336347 | Palmitessa | Angela | f | italian | Erasmus | Poptahof Noord 175 | 2624 | Delft | palmeangela@yahoo.it | 0643846259 | Delft | | 2 |
| | Schlimme | Tobias | m | german | Erasmus | Soetendaalseweg 24A | 3036EP | Rotterdam | schlimmetob@googlemail.com | | Den Haag | 9 | 1 |
| b1022466 | Korebrits | Sander | m | Dutch | Regular | Dokter van Dorstenstraat 81 | 2132JS | Hoofddorp | s.d.s.korebrits@student.tudelft.nl | 010624649296 | Den Haag | 9 | 1 |
| b1336401 | Kallgren | Jesper | m | Swedish | Erasmus | Rochussenstraat 231 E | 3021NV | Rotterdam | iesperkallgren@gmail.com | 0628408143 | Rotterdam | 1 | 1 |
| b1336207 | Sesmero | Ruben | m | Spanish | Erasmus | Poptahof Noord 69 | 2426PZ | Delft | rubi_itaca@hotmail.com | 0643724353 | Delft | 1 | 1 |
| b1338617 | Fager | Anders | m | Swedish | Erasmus | Moving to central Delft | | Delft | andersfager100@hotmail.com | 0638026585 | Amsterdam | 1 | 1 |
| b1345974 | Ghinassi | Clara | f | Italian | Erasmus | E.Du Perronlaan,810 | 2426 | Delft | clara.ghi@hotmail.it | 0624720376 | Rotterdam | 4 | 1 |
| B1296515 | Heemskerk | Elza | f | Dutch | | Vierambachtstraat 16c | | Rotterdam | elza1983@hotmail.com | 0648476550 | Rotterdam | 4 | 1 |
| b1340646 | Kallander | Johan | m | Swedish | Erasmus | Bergpolderstraat 52A | 3038KH | Rotterdam | a02_jkr@arch.kth.se | 0615580415 | Rotterdam | 4 | 1 |
| b1343238 | valentini | andrea | m | italian | Erasmus | mildernstraat 70a | | Rotterdam | flaco23.atos@gmail.com | 014465045 | Rotterdam | | |
| b1337661 | Machado | Eduardo | m | Portuguese | | | | | eduardomachado@portugalmail.pt | | | | |
| | westerfeld | julien | | | | | | | julien.westerfeld@free.fr | | | | |

1st Quarter

| week 1 | 05-Feb | 06-Feb | 07-Feb | 08-Feb | 09-Feb |
|---------|---|--------------------------------------|-----------------------------------|---|--------|
| 08.45 | | "The Urban Body" A.G. Vollebregt | Seminar: Urban Revolution | Studio A. Vollebregt, S. Read Intro subject-object 8N6/7 | |
| 09.45 | | DSD (8th floor) | Gr 1: C. Sezer 9.50 | | |
| 10.45 | Introduction | "Deep Landscape " S. Read | Gr 2: S. Qiang 8.50 | | |
| 11.45 | A. G. Vollebregt DSD (8th floor) | DSD (8th floor) | Gr 3: L. Budiarto 9Z1 | | |
| lunch | | | | | |
| 13.45 | Instruction: Maya Dynamic Mapping | Instr I: Adobe Premiere Pro & Video | Instr: Adobe Dreamweaver & Flash | Studio A. Vollebregt, S. Read 8N6/7 | |
| 14.45 | E. JanssenGroesbeek ICTO 2 | M. Tamas/ R. Maas Media Lab | E. JanssenGroesbeek ICTO 2 | | |
| 15.45 | Practical: Maya Dynamics | Instr II: Adobe Premiere Pro & Video | Practical: Dreamweaver & Flash | | |
| 16.45 | ICTO 2 | M. Tamas/ R. Maas Media Lab | ICTO 2 | | |
| evening | | | | Lecture: "Information Visualization" | |
| 18.30 | | Movie: "Koyaanisqatsi" | | Auke Touwslager 8N6/7 | |
| 21.45 | | ZAAL C | | | |

| week 2 | 12-Feb | 13-Feb | 14-Feb | 15-Feb | 16-Feb |
|---------|-----------------------------------|------------------------|-----------------------------------|---|--------------------------------------|
| 08.45 | Instruction: Maya Dynamic Mapping | "Choreographing Space" | Instr: Adobe Dreamweaver & Flash | "Thirdspace" A.G. Vollebregt | |
| 09.45 | E. JanssenGroesbeek ICTO 3 | Workshop | E. JanssenGroesbeek ICTO 3 | Bk-Tutor 0.2 | |
| 10.45 | Practical: Maya Dynamics | Susanna Recchia | Practical: Dreamweaver & Flash | "Being-in-the-World" P. Healy | |
| 11.45 | ICTO 3 | DSD or CC | ICTO 3 | Bk-Tutor 0.2 | |
| lunch | | | | | |
| 13.45 | "Choreographing Space" -Workshop | "Choreographing Space" | | Studio A. Vollebregt, S. Read Presentaion: Subject - Object 8N6/7 | Instr I: Adobe Premiere Pro & Video |
| 14.45 | Susanna Recchia | Workshop | | | M. Tamas Media Lab |
| 15.45 | Auke Touwslager | Susanna Recchia | | | Instr II: Adobe Premiere Pro & Video |
| 16.45 | DSD or CC | DSD or CC | | | M. Tamas Media Lab |
| evening | Movie: "Waking Life" | | | | |
| 18.30 | ZAAL C | | | Lecture: "Capturing Space-Time" | |
| 21.45 | | | | Bas Princen 8N6/7 | |

| week 3 | 19-Feb | 20-Feb | 21-Feb | 22-Feb | 23-Feb |
|---------|-----------------------------------|------------------------------|--------------------------------------|--|---|
| 08.45 | Instruction: Maya Dynamic Mapping | "Creative Practice" Workshop | Instr: Adobe Dreamweaver & Flash | "Transforming City" S. Read | |
| 09.45 | E. JanssenGroesbeek ICTO? | Daniele Pario Pera | E. JanssenGroesbeek ICTO? | Bk-Tutor 0.2 | |
| 10.45 | Practical: Maya Dynamics | R.Dell'Orco | Practical: Dreamweaver & Flash | "Threads and Labyrinths" P. Healy | |
| 11.45 | ICTO ? | Rotterdam / B.A.D. | ICTO ? | Bk-Tutor 0.2 | |
| lunch | | | | | |
| 13.45 | "Creative Practice" Workshop | "Creative Practice" Workshop | Instr I: Adobe Premiere Pro & Video | Studio A. Vollebregt, S. Read 8N6/7 Lecture: "Rhythmanalysis" A. Vollebregt / S. Read 8N6/7 | Studio Special gues visit 8N6/7 |
| 14.45 | Daniele Pera "Everyday Sublime | Daniele Pario Pera | Mauro Lugaresi Media Lab | | |
| 15.45 | R.Dell'Orco "On Meta-photography" | R.Dell'Orco | Instr II: Adobe Premiere Pro & Video | | |
| 16.45 | DSD & B.A.D. | DSD | Mauro Lugaresi Media Lab | | |
| evening | Movie: ? | | | | |
| 18.30 | ZAAL C | | | ARCHITECTURAL | |
| 21.45 | | | | POSITIONS | |

| week 4 | 26-Feb | 27-Feb | 28-Feb | 01-Mar | 02-Mar |
|---------|--|---|---|---|--------|
| 08.45 | Instruction: Maya Dynamic Mapping E. JanssenGroesbeek ICTO 3 | | Seminar: Urban Revolution Gr 1: C. Sezer 9.50 | Studio A. Vollebregt, S. Read Presentation: Mapping 8Z6/7 | |
| 09.45 | | | | | |
| 10.45 | Practical: Maya Dynamics ICTO 3 | "Mapping Urban Complexity" Arie Graafland Bk-Tutor 0.2 | Gr 2: S. Qiang 8.50 Gr 3: L. Budiarto 9Z1 | | |
| 11.45 | | | | | |
| lunch | | | | | |
| 13.45 | | Instr I: Adobe Premiere Pro & Video M. Tamas Media Lab | Instr: Adobe Dreamweaver & Flash E. JanssenGroesbeek ICTO 2 | Lecture: "Creative Evolution" Deborah Hauptmann 8Z6/7 | |
| 14.45 | | | | | |
| 15.45 | | Instr II: Adobe Premiere Pro & Video M. Tamas Media Lab | Practical: Dreamweaver & Flash ICTO 2 | Studio A. Vollebregt, S. Read Presentation: Mapping 8Z6/7 | |
| 16.45 | | | | | |
| evening | | | | | |
| 18.30 | | Movie ? | | | |
| 21.45 | | ZAAL C | | | |

| week 5 | 05-Mar | 06-Mar | 07-Mar | 08-Mar | 09-Mar |
|---------|--------|--|--|---|---|
| 08.45 | | Instruction: Maya Dynamic Mapping E. JanssenGroesbeek ICTO 3 | Seminar: Urban Revolution Gr 1: C. Sezer 9.50 | | Studio A. Vollebregt, S. Read 8Z6/7 |
| 09.45 | | | | | |
| 10.45 | | Practical: Maya Dynamics ICTO 3 | Gr 2: S. Qiang 8.50 Gr 3: L. Budiarto 9Z1 | | |
| 11.45 | | | | | |
| lunch | | | | | |
| 13.45 | | | Instr: Adobe Dreamweaver & Flash E. JanssenGroesbeek | | Studio A. Vollebregt, S. Read 8Z6/7 |
| 14.45 | | | | | |
| 15.45 | | Practical: Dreamweaver & Flash ICTO 2 | | "Representation & Presentation" Margit Tamas Guest Lecture 8Z6/7 | |
| 16.45 | | | | | |
| evening | | | | | |
| 18.30 | | | | | |
| 21.45 | | | | | |

| week 6 | 12-Mar | 13-Mar | 14-Mar | 15-Mar | 16-Mar |
|---------|--------|--|--|-------------------------|--|
| 08.45 | | Instruction: Maya Dynamic Mapping E. JanssenGroesbeek ICTO 3 | Seminar: Urban Revolution Gr 1: C. Sezer 9.50 | | Studio A. Vollebregt, S. Read with Margit Tamas 8Z6/7 |
| 09.45 | | | | | |
| 10.45 | | Practical: Maya Dynamics ICTO 3 | Gr 2: S. Qiang 8.50 Gr 3: L. Budiarto 9Z1 | | |
| 11.45 | | | | | |
| lunch | | | | | "NAI: Contemporary China" Linda Vlassenrood 8Z6/7 |
| 13.45 | | | Instr: Adobe Dreamweaver & Flash E. JanssenGroesbeek | | Studio A. Vollebregt, S. Read with Margit Tamas 8Z6/7 |
| 14.45 | | | | | |
| 15.45 | | Practical: Dreamweaver & Flash ICTO 2 | | | |
| 16.45 | | | | | |
| evening | | | | | |
| 18.30 | | | | ARCHITECTURAL | |
| 21.45 | | | | POSITIONS ZAAL A | |

| week 7 | 19-Mar | 20-Mar | 21-Mar | 22-Mar | 23-Mar |
|---------|--|---|--------|--|---|
| 08.45 | | | | | Studio A. Vollebregt, S. Read Presentations 8Z6/7 |
| 09.45 | | | | | |
| 10.45 | | | | | |
| 11.45 | | | | | |
| lunch | | | | | |
| 13.45 | Instruction: Maya Dynamic Mapping E. JanssenGroesbeek | Instr: Adobe Dreamweaver & Flash E. JanssenGroesbeek | | | Studio A. Vollebregt, S. Read Presentations 8Z6/7 |
| 14.45 | | | | | |
| 15.45 | Practical: Maya Dynamics ICTO 3 | Practical: Dreamweaver & Flash ICTO 3 | | | |
| 16.45 | | | | | |
| evening | | | | | |
| 18.30 | | | | ARCHITECTURAL POSITIONS ZAAL A | |
| 21.45 | | | | | |

| week 8 | 26-Mar | 27-Mar | 28-Mar | 29-Mar | 30-Mar |
|---------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 08.45 | BEIJING WORKSHOP | BEIJING WORKSHOP | BEIJING WORKSHOP | BEIJING WORKSHOP | BEIJING WORKSHOP |
| 09.45 | | | | | |
| 10.45 | | | | | |
| 11.45 | | | | | |
| lunch | | | | | |
| 13.45 | | | | | |
| 14.45 | | | | | |
| 15.45 | | | | | |
| 16.45 | | | | | |
| evening | | | | | |
| 18.30 | | | | | |
| 21.45 | | | | | |

| week 9 | 02-Apr | 03-Apr | 04-Apr | 05-Apr | 06-Apr |
|---------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 08.45 | BEIJING WORKSHOP | BEIJING WORKSHOP | BEIJING WORKSHOP | BEIJING WORKSHOP | BEIJING WORKSHOP |
| 09.45 | | | | | |
| 10.45 | | | | | |
| 11.45 | | | | | |
| lunch | | | | | |
| 13.45 | | | | | |
| 14.45 | | | | | |
| 15.45 | | | | | |
| 16.45 | | | | | |
| evening | | | | | |

Schedule:Architectural Body AR0310 & Materia AR0315

Spring Semester 2007

Please remember that International Students who will subscribe for the lectures, will not be in the "bouwkunde"-system

2nd Quarter

| week 10 | 09-Apr | 10-Apr | 11-Apr | 12-Apr | | 13-Apr |
|---------|--------|--------|--------|---|---|--------|
| 08.45 | | | | Studio "Material Architecture" | Studio Immaterial Architecture | |
| 09.45 | | | | | | |
| 10.45 | | | | | | |
| 11.45 | | | | | | |
| lunch | | | | Sang Lee | | |
| 13.45 | | | | Ruth Baumeister | Stealth | |
| 14.45 | | | | | | |
| 15.45 | | | | | | |
| 16.45 | | | | | | |
| evening | | | | | | |
| 18.30 | | | | ARCHITECTURAL POSITIONS | | |
| 21.45 | | | | | | |

| week 11 | 16-Apr | | 17-Apr | 18-Apr | 19-Apr | | 20-Apr |
|---------|---|---|--------|--------|---|---|--------|
| 08.45 | Studio "Material Architecture" | Studio Immaterial Architecture | | | Studio "Material Architecture" | Studio Immaterial Architecture | |
| 09.45 | | | | | | | |
| 10.45 | | | | | | | |
| 11.45 | | | | | | | |
| lunch | Sang Lee | | | | Sang Lee | | |
| 13.45 | Ruth Baumeister | Stealth | | | Ruth Baumeister | Stealth | |
| 14.45 | | | | | | | |
| 15.45 | | | | | | | |
| 16.45 | Celine Jeanne | | | | Celine Jeanne | | |
| evening | | | | | | | |

| week 12 | 23-Apr | | 24-Apr | 25-Apr | 26-Apr | | 27-Apr |
|---------|---|---|--------|--------|---|---|--------|
| 08.45 | Studio "Material Architecture" | Studio Immaterial Architecture | | | Studio "Material Architecture" | Studio Immaterial Architecture | |
| 09.45 | | | | | | | |
| 10.45 | | | | | | | |
| 11.45 | | | | | | | |
| lunch | Sang Lee | | | | Sang Lee | | |
| 13.45 | Ruth Baumeister | Stealth | | | Ruth Baumeister | Stealth | |
| 14.45 | | | | | | | |
| 15.45 | | | | | | | |
| 16.45 | Celine Jeanne | | | | Celine Jeanne | | |
| evening | | | | | | | |
| 18.30 | | | | | ARCHITECTURAL POSITIONS | | |
| 21.45 | | | | | | | |

| week 13 | 30-Apr | 01-May | 02-May | 03-May | 04-May |
|---------|--------|--------|--------|--------|--------|
| 08.45 | | | | | |
| 09.45 | | | | | |
| 10.45 | | | | | |
| 11.45 | | | | | |
| lunch | | | | | |
| 13.45 | | | | | |
| 14.45 | | | | | |
| 15.45 | | | | | |
| 16.45 | | | | | |
| evening | | | | | |

| week 14 | 07-May | | 08-May | 09-May | 10-May | | 11-May |
|---------|--|---|--------|--------|--|---|--------|
| 08.45 | Studio "Material Architecture" | Studio Immaterial Architecture | | | Studio "Material Architecture" | Studio Immaterial Architecture | |
| 09.45 | | | | | | | |
| 10.45 | | | | | | | |
| 11.45 | | | | | | | |
| lunch | | | | | | | |
| 13.45 | Sang Lee Ruth Baumeister Celine Jeanne | Stealth | | | Sang Lee Ruth Baumeister Celine Jeanne | Stealth | |
| 14.45 | | | | | | | |
| 15.45 | | | | | | | |
| 16.45 | | | | | | | |
| evening | | | | | | | |
| 18.30 | | | | | ARCHITECTURAL POSITIONS | | |
| 21.45 | | | | | | | |

| week 15 | 14-May | | 15-May | 16-May | 17-May | 18-May |
|---------|--|---|--------|--------|--------|--------|
| 08.45 | Studio "Material Architecture" | Studio Immaterial Architecture | | | | |
| 09.45 | | | | | | |
| 10.45 | | | | | | |
| 11.45 | | | | | | |
| lunch | | | | | | |
| 13.45 | Sang Lee Ruth Baumeister Celine Jeanne | Stealth | | | | |
| 14.45 | | | | | | |
| 15.45 | | | | | | |
| 16.45 | | | | | | |
| evening | | | | | | |

| week 16 | 21-May | | 22-May | 23-May | 24-May | | 25-May |
|---------|---|---|-----------------|---------------|---|---|----------|
| 08.45 | Studio "Material Architecture" | Studio Immaterial Architecture | | | Studio "Material Architecture" | Studio Immaterial Architecture | |
| 09.45 | | | | | | | |
| 10.45 | | | | | | | |
| 11.45 | | | | | | | |
| lunch | | | Sang Lee | | | | Sang Lee |
| 13.45 | Ruth Baumeister | | Ruth Baumeister | | | | |
| 14.45 | Celine Jeanne | Stealth | | Celine Jeanne | Stealth | | |
| 15.45 | | | | | | | |
| 16.45 | | | | | | | |
| evening | | | | | | | |

| week 17 | 28-May | | 29-May | 30-May | 31-May | | 01-Jun |
|---------|--------|--|-----------------|----------------|---|---|----------|
| 08.45 | | | | | Studio "Material Architecture" | Studio Immaterial Architecture | |
| 09.45 | | | | | | | |
| 10.45 | | | | | | | |
| 11.45 | | | | | | | |
| lunch | | | | | | | Sang Lee |
| 13.45 | | | Ruth Baumeister | | | | |
| 14.45 | | | Celine Jeanne | Stealth | | | |
| 15.45 | | | | | | | |
| 16.45 | | | | | | | |
| evening | | | | | | | |

| week 18 | 04-Jun | | 05-Jun | 06-Jun | 07-Jun | | 08-Jun |
|---------|---|---|-----------------|---------------|---|---|----------|
| 08.45 | Studio "Material Architecture" | Studio Immaterial Architecture | | | Studio "Material Architecture" | Studio Immaterial Architecture | |
| 09.45 | | | | | | | |
| 10.45 | | | | | | | |
| 11.45 | | | | | | | |
| lunch | | | Sang Lee | | | | Sang Lee |
| 13.45 | Ruth Baumeister | | Ruth Baumeister | | | | |
| 14.45 | Celine Jeanne | Stealth | | Celine Jeanne | Stealth | | |
| 15.45 | | | | | | | |
| 16.45 | | | | | | | |
| evening | | | | | | | |

| week 19 | 11-Jun | 12-Jun | 13-Jun | 14-Jun | 15-Jun |
|---------|------------------------------|--------|--------|--------|--------|
| 08.45 | | | | | |
| 09.45 | | | | | |
| 10.45 | | | | | |
| 11.45 | | | | | |
| lunch | Presentation and exam period | | | | |
| 13.45 | | | | | |
| 14.45 | | | | | |
| 15.45 | | | | | |
| 16.45 | | | | | |
| evening | | | | | |