

INTERNATIONAL WORKSHOP

17 - 18 June 2010

Laboratorio di Simulazione Urbana | Edificio Sottomarino, via Bonardi, 3
Spazio Aperto Nave | Edificio Nave, floor -1, via Bonardi, 9

Thursday, June 17

Venue: Spazio Aperto Nave

Workshop opening 09:30

PANEL I - Introduction to the workshop 09:45

[Chair of the panel: Fausto Curti - Polimi]

Research activities and experimentation at the Laboratorio di Simulazione Urbana 10:00

(some results of concluded works)

[Barbara Piga - Polimi]

Applications of City Engine and Unity for Urban Simulation 10:30

[Valerio Signorelli, Danele Villa - Polimi]

Three steps toward the luminous planning table 10:45

[Laura Cibien, Francesco Secchi - Polimi]

Coffee Break 11:00

PANEL II - Introduction to the session 11:15

[Chair of the panel: Gianni Scudo - Polimi]

Strategies for the energy autonomy of the built environment: 11:30

a case study in Valtellina

[Matteo Clementi - Polimi]

Sustainable urban morphology for new quarters 11:50

and within the existing urban fabric in Europe

[Elisabetta Troglio, Matteo Doni - Polimi]

Urban Comfort and design tools 12:20

[Valentina Dessì - Polimi]

Questions and comments 12:40

[Coordinator: Gianni Scudo - Polimi]

Lunch 13:10

Venue: Spazio Aperto Nave

PANEL III - Introduction to the session 14:30

[Chair of the panel: Lidia Diappi - Polimi]

New Urban / Architectural Envisioning experiments 14:45

at the Delft Faculty of Architecture

[Martijn Stellingwerff - TUDelft]

Physical and virtual urban models for Cologne 15:25

[Dominik Lengyel, Catherine Toulouse - Brandenburg University of Technology]

The Glasgow Urban Model: accessibility participation 16:10

and improved communication within the planning system

[Margherita Cavallo - Glasgow City Council]

Simulation tool in urban transformation planning 16:50

[Cynthia Echave - Agencia d'Ecologia Urbana de Barcelona]

OPEN DISCUSSION | Invited speakers: 17:30

Paola Caputo (Polimi), Eckart Lange (University of Sheffield),

Steve Tiesdell (University of Glasgow)

[Coordinator: Alessandro Rogora - Polimi]

Conclusion of the session 18:15

Social Dinner 20:00

Exploring urban change through visual and environmental simulations

Politecnico di Milano - Laboratorio di Simulazione Urbana

Friday, June 18

Venue: Laboratorio di Simulazione Urbana

09:30 PANEL IV - Introduction to the session

[Chair of the panel: Rossella Salerno - Polimi]

09:45 Ongoing research activities: work with students, research topics, future directions

[Barbara Piga - Polimi]

10:00 Energy, climate and urban form (research works and works with students)

[Eugenio Morello - Polimi]

10:20 Open spaces and urban livability in Milan (results of master theses and internship works)

[Andrea Arcidiacono - Polimi]

10:40 Models for landscape representation: didactic experiences

[Rossella Salerno, Daniele Villa - Polimi]

11:00 Coffee Break

11:15 PANEL V - Introduction to the session

[Chair of the panel: Andrea Arcidiacono - Polimi]

11:30 Live presentation of the use of microcar and the gantry for endoscopic recording inside physical models

[Giulio Podestà - BetaNit]

11:45 Live simulations using physical and digital models realized by students in the design studios

[LabSimUrb - Polimi]

12:45 Questions and comments

13:10 Lunch

Venue: Spazio Aperto Nave

14:30 ROUND TABLE | Invited speakers:

Eckart Lange (University of Sheffield),

Dominik Lengyel and Catherine Toulouse (Brandenburg University of Technology),

Martijn Stellingwerff (TUDelft),

Steve Tiesdell (University of Glasgow),

Paola Caputo (Polimi),

Fausto Curti (Polimi),

Remo Dorigati (Polimi),

Gianni Scudo (Polimi)

[Chair: Patrizia Gabellini - Polimi]

Questions and comments

17:00 Conclusion of the workshop