

Modelling Urban Space and Process

Estonian Academy of Arts, Department of Architecture, MA in Urban Studies
Intensive course and workshop January 9-19, 2007

Background

The ways how to represent urban space and its change are an important field of experiment and innovation both for urban researchers and planners. In recent years, new mapping, positioning, simulating and imaging techniques have opened plenty of new possibilities. The question is how to use these new 'layers' of spatial conceptualisation in the professional work.

The aim of the Modelling Urban Space and Process intensive course is firstly to critically discuss some of the modelling techniques and secondly to do hands-on work on two of them, 'tagging' urban space and Space Syntax.

Lectures

The lectures by Mauri Kaipainen (Estonia), Ülar Mark (Estonia), Alain Chiaradia (London), Anssi Joutsiniemi (Finland) and Rein Ahas (Estonia) valorise the origin, background theory and applications of Space Syntax, Social Positioning and sim-based approaches. The idea is to provide for understanding both the possibilities and limitations of the techniques.

January 10, 15 and 17 are the lecture days.

Workshop 1:

The workshop on Tagging Tallinn is the first real-life test of the mobile positioning-based system, which allows for creating layers of meaning and discussion about aspects city and urban life. Essentially, the first workshop is a social experiment. Time: January 10-15.

Workshop 2:

Space Syntax is an established modelling technique. The aim of the second workshop is no less than to create a comprehensive Space Syntax axial map of Tallinn. This model could in the future be used in many real planning and decision-making situations. Time: January 15-19.

Daily programme

Please follow www.urbanistika.ee for programme updates

Week 1: Social Positioning / Tagging Tallinn

Tue January 9: Preparatory Day

18.00 - 20.30 Screenings of interesting, urban videos by Estonian architects and students. EKA hall 412

Wed January 10: Lecture day at EKA Auditorium

10.00 Opening of the Intensive Course, prof. Panu Lehtovuori, EKA Urban Studies

10.15 prof. Mauri Kaipainen, Tallinn University: Soft Ontologies

12.00 Lunch

13.30 prof. Rein Ahas, Human Geography, University of Tartu:

Mobile positioning data in urban studies. Social Positioning Method and Live

Maps

15.00 Discussion

15.15 Coffee

15.45 Architect Ülar Mark, Urban Mark Architects: Mobile positioning in urban planning

17.30 – 18.30 Tagging Tallinn workshop start-up, organising groups and tasks

Thu January 11: Tagging Tallinn workshop

Work in groups

15.00 – 17.00 common tutoring session, Lilia del Rio, Panu Lehtovuori, Kalle Komissarov
EKA hall 412

Fri January 12: Tagging Tallinn workshop

12.00 – 14.00 Interim critique.

Mauri Kaipainen, Ülar Mark, Kalle Komissarov, Lilia del Rio, Panu Lehtovuori
EKA hall 412

Sat January 13: Tagging Tallinn workshop

Work in groups

Week 2: Space Syntax and Sims

Mon January 15: Lecture day

12.00 – 13.30 prof. Anssi Joutsiniemi, Tampere University of Technology:

Modelling urban space 1. Configurations and simulations. *EKA Room 412*

13.30 – 14.00 Coffee break

14.00 – 15.30 Anssi Joutsiniemi. Modelling urban space 2. Using movement sequences to model metropolitan scale configurations. *EKA Room 119b*

15.30 – 17.00 Tagging Tallinn workshop wrap-up and discussion

17.15 – 18.30 Space Syntax workshop start-up

Alain Chiaradia, Anssi Joutsiniemi, Mauri Kaipainen, Lilia del Rio, Kalle Komissarov, Panu Lehtovuori

Tue January 16: Space Syntax workshop

Work in groups

Tutoring by Alain Chiaradia and Anssi Joutsiniemi

Wed January 17: Lecture day at EKA Auditorium

In the morning work in groups

Tutoring by Alain Chiaradia and Anssi Joutsiniemi

14.00 prof. Alain Chiaradia, London: Theory of Space Syntax, links between social and spatial configurations (double lecture)

17.00 Discussion, led by prof. Anssi Joutsiniemi

18.00 Coffee
18.30 – 19.30 Space Syntax workshop interim critique
Alain Chiaradia, Anssi Joutsiniemi, Kalle Komissarov, Panu Lehtovuori

Thu January 18: Space Syntax workshop

Work in groups
Tutoring by Alain Chiaradia

Fri January 19: Space Syntax workshop

10.00 – 12.00 Space Syntax wrap-up and discussion
Alain Chiaradia, Anssi Joutsiniemi, Kalle Komissarov, Panu Lehtovuori, Lilia del Rio
EKA hall 412

14.00 – Cleaning the room, burning CD:s

19.00 – Evening party

Further information:

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