

Preliminary program

State: Feb 16th, 2009

Tuesday, March 3rd

13:30 Opening Session

Welcome

Jochen Schiewe (HafenCity University Hamburg)

“Fast Forward”: Introduction of all presentations

Jason Dykes (City University London)

14:30 | Session 1 | Chair: Jason Dykes

Imagine Tomorrow, Today

Rolf Kemmling (Autodesk)

WebGIS for urban information management - Hamburg's approach for integrating WebGIS in E- government infrastructures

Sascha Tegtmeier (State Enterprise Geoinformation and
Surveying of the Free and Hanseatic City of Hamburg)

15:00 | Coffee Break

15:30 | Session 2 | Chair: Jason Dykes

Employing Design Patterns for Geovisualization

Larissa Pschetz, Tina-Deiml-Seibt, Christian Behrens &
Frank Heidmann (University of Applied Sciences
Potsdam)

Augmented Reality and Urban GIS: towards closing the loop between acquisition and visualization of geographical data

Guillaume Moreau (Ecole Centrale de Nantes)

SUBVISION: Mixed Reality Visualization and Monitoring of Hidden Infrastructures in Urban Environments

Volker Paelke (Leibniz University of Hannover)

16:15 | Coffee Break

16:45 | Session 3 | Chair: Georg Gartner

A High-Resolution Representation of n-Dimensional Geographic Space

André Skupin & Aude Esperbé (San Diego State
University)

Describing the space and place of digital cities through volunteered geographic information

Ross Purves, Jason Dykes, Alistair Edwardes, Livia
Hollenstein, David Mueller & Jo Wood (University of
Zurich / City University London)

Virtual Cities 2.0: Generating web-based 3D city models and landscapes based on free and user generated data (OpenStreetMap)

N. Neubauer, M. Over, A. Schilling, A. Zipf (University of
Bonn)

17:30 | Short break

17:45 | Session 4 | Chair: Georg Gartner

Exploration and visualisation of information in the historic 3D city model of Solothurn

Susanne Bleisch, Andreas Barmettler & Stephan Nebiker
(University of Applied Sciences Northwestern
Switzerland)

Inventing a University City: Visualizing Planning and Politics in Umea, 1950-1975

Rolf Hugoson & Fredrik Palm (Umeå University)

Integrating uncertainty information into the process of visual change analysis based on remotely sensed scenes

Jochen Schiewe & Anna-Lena Kornfeld (HafenCity
University Hamburg)

18:30 | Icebreaker Party

Wednesday, March 4th

8:45 | Session 5 | Chair: Jochen Schiewe

Virtual 3D City Models as Computation Tools
Jürgen Döllner (University of Potsdam)

The Level of Abstraction, Information Density and Storage Capacity for 3D City Model Visualizations
M. Jahnke, J.M. Krisp, L. Meng (Technical University of Munich)

Towards Integrating Feature Surface Properties into 3D GIS
Haik Lorenz & Jürgen Döllner (University of Potsdam)

Google Earth based visualization of Dutch land use change scenario studies
R. van Lammeren, M. Hilferink, M. van Beek, A. Bergsma, B.van Bommel & A. Bouman (Wageningen University)

9:45 | Coffee break

10:15 | Session 6 | Chair: Jochen Schiewe

Analysing and Mapping Crime Data using three-dimensional Geovirtual Urban Environments
Markus Wolff & Hartmut Asche (University of Potsdam)

From Global Consequences to Local Responsibility in Energy Consumption and Consumer Behaviour
Lars Bodum & Erik Kjems (Aalborg University)

Visualization of Human Space Appropriation in Urban Public Parks
Frank Ostermann (University of Zurich)

11:00 | Short break

11:15 | Session 7 | Chair: Gennady Andrienko

Exploration and analysis of digital footprints through interactive visualization
Ayman Moghnieh, Fabien Girardin, David Lu, Carlo Ratti & Josep Blat (MIT; Universitat Pompeu Fabra)

The cartographic visualization of urban sounds
Anna-Lena Kornfeld (HafenCity University Hamburg)

Representation of thermal numeric information on three-dimensional building facades
Holger Kumke (Technical University of Munich)

12:00 | Short break

12:15 | Panel discussion | Chair: Gennady Andrienko

“Success stories and challenging problems of geospatial visual analytics”: First results of EU project “Vizmaster”

13:00 | Lunch break

14:30 | Session 8 | Chair: Jürgen Döllner

Visualization of three-dimensional GIS objects using rapid prototyping
Wolf-Dieter Rase (German Federal Research Institute for Building, Urban and Regional Planning)

Introducing level of detail to 3D thematic maps
Billur Engin (Koc University), Selim Balcisoy & Burcin Bozkaya (both Sabanci University)

Information Aggregation: Automatized Construction of Chorematic Diagrams
Andreas Reimer (Humboldt University Berlin) & Doris Dransch (German Research Centre for Geosciences)

15:15 | Departure for supporting program

Thursday, March 5th

8:45 | Session 9 | Chair: Ekkehard Matthias

Procedural Facade Textures for 3D City Models

Jürgen Bogdahn & Volker Coors (University of Applied Sciences, Stuttgart)

Smart point clouds in virtual globes - a new paradigm in city modeling?

Stephan Nebiker, Martin Christen & Susanne Bleisch (University of Applied Sciences Northwestern Switzerland)

Building a Visual Summary of Multiple Trajectories

Natalia Andrienko & Gennady Andrienko (Fraunhofer Institute IAIS)

Georeferencing Objects in Geographic Reference Interface for Internet Networks

Jan Kolar & Wan Wen (Aalborg University)

9:45 | Coffee break

10:15 | Session 10 | Chair: Menno-Jan Kraak

Impact of restricted display size on spatial knowledge acquisition in the context of pedestrian navigation

Georg Gartner (Vienna University of Technology)

The influence of dimension, abstraction level, and map orientation on generic process and perception of cartographic products of urban areas

Christian Dette (Martin-Luther-University Halle-Wittenberg)

Interactive Focus+Context Visualization of spatiotemporal urban data models

Alexandre Carvalho, A. Augusto Sousa, Cristina Ribeiro, Emilia Costa, Wagner Francim (University of Porto)

11:00 | Short break

11:15 | Session 11 | Chair: Menno-Jan Kraak

The Role of Layout and Order in Treemaps for Showing Spatial and Temporal Variation in House Prices

Aidan Slingsby, Jason Dykes, Jo Wood & Andrew Crooks (City University London; University College London)

Integration and Visualization of dynamic Sensor Data into 3D Spatial Data Infrastructures in a standardized way

Christian Mayer & Alexander Zipf (University of Bonn)

Potentials and Challenges of Service-Oriented 3D Geovisualization

Dieter Hildebrandt & Jürgen Döllner (University of Potsdam)

12:00 | Lunch break

13:15 | Session 12 | Chair: Jason Dykes

Analytical Visualization Framework - a visual data processing and knowledge discovery system

Ivan Denisovich & Serge Shumilov (*University of Bonn*)

Adapting and Extending Cartographic Methodology for Accessing and Presenting Multidimensional Geodata Related to Settled Areas

Lorenz Hurni (ETH Zurich)

The national atlas in a world of change – design questions

Menno-Jan Kraak (International Institute for Geo-Information Science and Earth Observation)

14:00 | Panel discussion | Chairs: J. Dykes & J. Schiewe

“GeoViz and Digital City”: Discussion of key issues in geovisualization and the digital city and generation of ideas for introduction to CEUS special issue

15:00 | Farewell drink