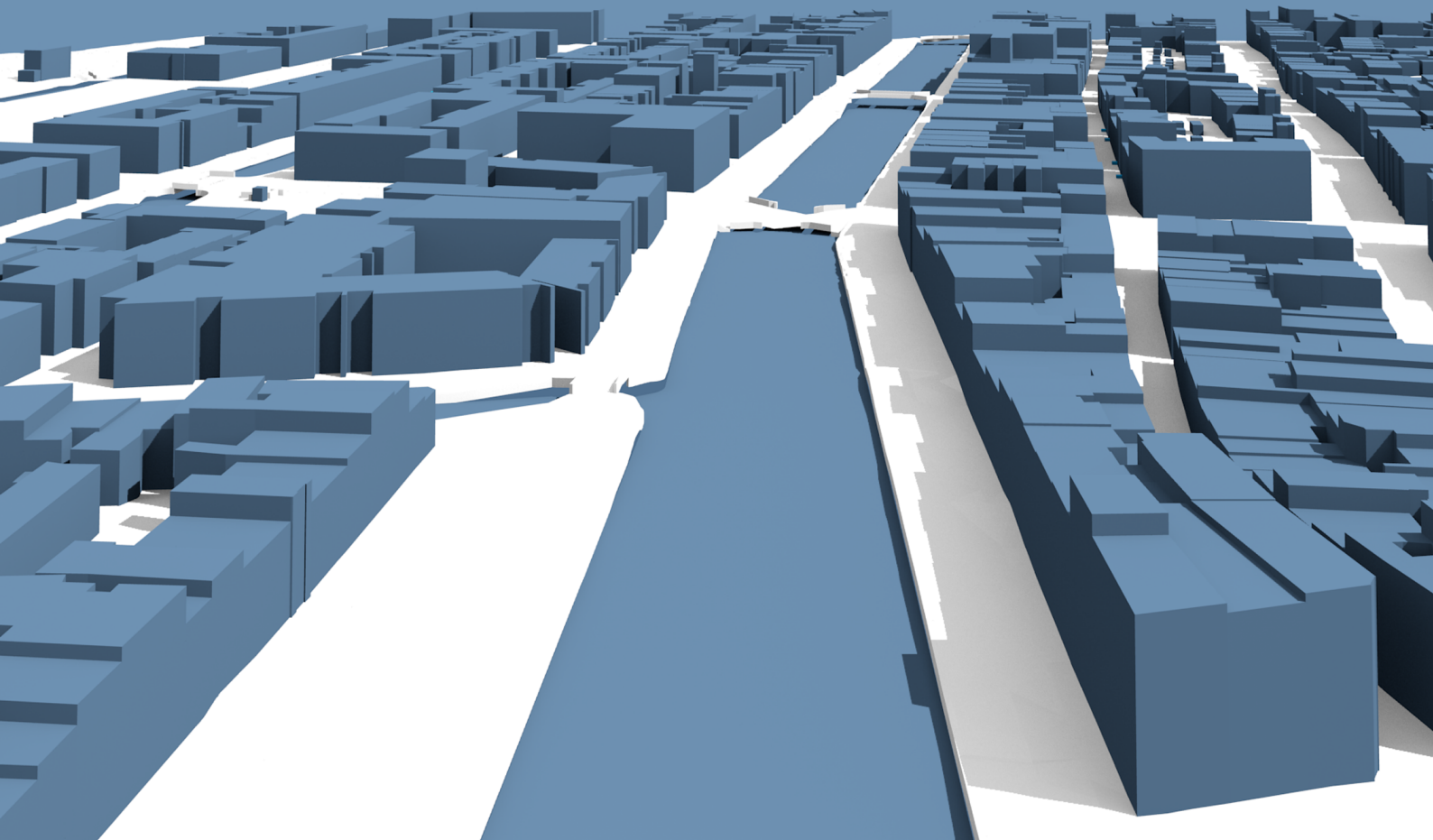


UDMV 2015

3rd Eurographics Workshop on
Urban Data Modelling and Visualisation
23 November 2015 · Delft, the Netherlands



Call for papers

The objective of this workshop is to discuss the modelling and visualisation of the city at various temporal and spatial scales, and aims at sharing associated techniques, methods, uses and points of view.

Managing and understanding urban data are major issues as there are represented by several kind of different data at different scales. Urban data not only embed the geometry of the city model, but also data related to human activities (e.g. social data, transportation, mobility, history), to physical phenomena (e.g. light, wind, heat), and to environment (e.g. geography, climate).

Thus, the processing of urban data is a huge challenge for current computing capabilities, especially considering all the sustainable development parameters related to architectural design, urban planning and urban climate studies; but also considering the specific needs of entertainment, cultural heritage or any domains using urban data. After being organised in Spain in 2013 and in France in 2014 as a co-located event of the Eurographics conference, this third workshop moves on its own to the Netherlands in autumn as a stand-alone event. It is organised at TU Delft on 23 November 2015 by the 3D geoinformation group. Once again, we expect fruitful exchanges by the involvement of the computer graphics and the geoinformatics communities.

Contributions addressing the following topics are welcome:

- Modelling the static and dynamic features of the city (spatio-temporal data)
- Multi-scale geometric data (from building scale to urban scale)
- Multi-scale temporal data (from real time to history time)
- Visualisation of several urban data layers (aggregated indicators)
- Visual analytics using urban data (decision making processes and CAD)

Publications

Expected contributions are research papers, 6 pages in EG publication format, presenting unpublished methods, algorithms and techniques with established results. All accepted papers will be presented orally at the conference by one of the authors, and will be published in the EG Digital Library.

Committees

Organising Committee (TU Delft)

Filip Biljecki — Workshop Chair

Ken Arroyo Ohori
Hugo Ledoux
Liu Liu
Pirouz Nourian
Ravi Peters
Jantien Stoter
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Programme Committee

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Gustavo Patow (Spain)
Michela Spagnuolo (Italy)
Jantien Stoter (Netherlands)
Michael Wimmer (Austria)
Peter Wonka (US)

Submission and registration

For paper submission and registration please visit the URL of the event: <http://3dgeoinfo.bk.tudelft.nl/events/udmv2015>

Important dates

July 3, 2015

- Paper submission

August 28, 2015

- Author notification
- Registration opens

September 23, 2015

- Early-bird registration

October 9, 2015

- Camera-ready paper

November 8, 2015

- Registration closes

November 23, 2015

- Workshop