

Program

effective February, 25th, 2013
www.geomatik-hamburg.de/geoviz/

Wednesday, March 6

11:00 1 | Opening | Jochen Schiewe

Short welcome addresses

Walter Pelka (President, HafenCity University)
Jochen Schiewe (Local Organizer)
Sara Irina Fabrikant (ICA Commission Chair)
Gennady Andrienko (ICA Commission Chair)

Fast Forward Presentations

All presenters

12:15 Lunch Break

13:45 2 | Talks | Jochen Schiewe

Animated display of moving objects and spatio-temporal coordinated events

Maggi, S. & Fabrikant, S.

Usability of Uncertainty Visualisation Methods: A Comparison between Different User Groups

Senaratne, H.; Reusser, D. & Schreck, T.

Visualising Interpolations of Mobile Sensor Observations

Nüst, D.

14:45 Coffee break

15:15 3 | Mini talks | Jason Dykes

Cartographic design and visual variables usability for linear features

Kubicek, P.; Sasinka, D.; Stachon, Z.; Sterba, Z.; Apeltauer, J. & Senk, P.

Dynamic maps for supporting spatial decision processes

Masala, E. & Pensa, S.

Toward User-Centred Geovisual Analytics in Maritime Surveillance

Vatin, G. & Napoli, A.

Improving collective intelligence and exploration in a VGI like context through communication of uncertainty information

Schiewe, J.

16:15 4 | Talks | Gennady Andrienko

Using cartograms to explore temporal data: Do they work?

Ullah, R.; Kraak, M.-J. & van Elzakker, C.

Visual clustering of spatio-temporal hotspots for taxi activity in Shanghai

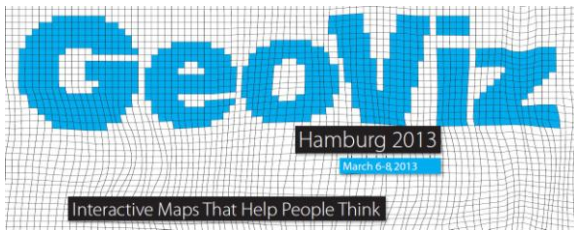
Krisp, J.; Ding, L. & Wie, L.

Development of a Prototype for Uncertainty-Aware Visual Analytics of Land Cover Change

Kinkeldey, C. & Schiewe, J.

17:15 Closing time

19:30 Joint Dinner



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Thursday, March 7

9:15 5 | Talks | Jochen Schiewe

Geovisualization of Event Sequences with T-pattern Analysis in STempo

Robinson, A.C.; Hardisty, F.; Stehle, S. & Peuquet, D.J.

Visualizing the Geographies of the Haiti Crisis Map

Dillingham, I.; Dykes, J. & Wood, J.

Visual mining of moving flock patterns in large spatio-temporal datasets using a frequent pattern approach

Turdukulov, U.; Calderon, A.O.; Huisman, O. & Retsios, B.

11:45 7 | Talks | Sara Fabrikant

Towards Improving City Structure by Monitoring and Analyzing Pedestrian Mobility

Andrienko, G.; Andrienko, N. & van der Spek, S.C.

Potentials of and Approaches for Multi-Perspective Visualization of 3D Spatial Models

Pasewaldt, S. & Döllner, J.

Classifying travel behaviour within a large-scale, origin-destination dataset: developing a Visual Analytics approach

Beecham, R.; Wood, J. & Bowerman, A.

10:15 Coffee break

12:45 Lunch break

10:45 6 | Mini talks | Gennady Andrienko

Comparison of Eye-Movement Paths while solving Geographical Tasks

Popelka, S.; Brychtova, A. & Hanzelka, J.

VISWIZ - A Visualization Toolkit for 3-D/4-D Geospatial Data Representation

Steffen, D. & Michel, F.

The use of sparklines for improving communication efficiency of parallel coordinates when visualizing vulnerability to natural hazards

Opach, T. & Rod, J.K.

Realtime focus maps for wayfinding applications

van Dijk, T.C. & Hauernt, J.-H.

14:15 8 | Talks | Gennady Andrienko

Towards Visualizing Geo-Referenced Climate Networks

Buschmann, S.; Nocke, T.; Tominski, C. & Döllner, J.

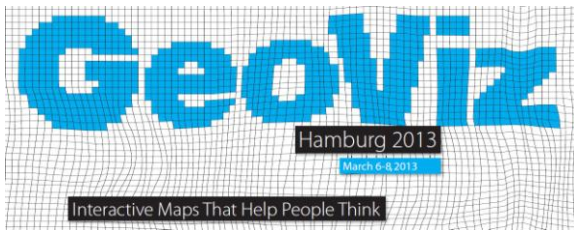
An Exploratory Interface to Public Data for Citizens

Slingsby, A.; Wood, J.; Dykes, J. & Radburn, R.

Augmentation of 2D maps to 3D using positional traces

Hershko, N. & Elber, G.

15:15 Coffee break



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Friday, March 8

15:45 **9** | Talks | Sara Fabrikant

Geovisual Analytics and Storytelling Applied to a Flood Scenario

Ho, Q. & Jern, M.

Digging for Non-Dominant Mobility Patterns

Sagl, G. & Loidl, M.

A comparative user evaluation of six alternative permafrost visualizations for reading and interpreting temperature information

Dall'Acqua, L.; Çöltekin, A. & Noetzli, J.

16:45 Closing time

17:00 **Birds Of a Feather (BoF) Sessions**

Please note that there will be at least two Birds of a Feather (BoF) sessions. Without any pre-planned agenda we want to have informal meetings on

Uncertainty Visualization - Status Quo Vadis?

(Chair: Christoph Kinkeldey)

Colors - practical experiences and state of the art in research

(Chair: Beate Weninger)

18:00 Excursions

9:15 **10** | Talks | Jason Dykes

Visualizing the Geographic Information Science & Technology Body of Knowledge

Skupin, A.; Stowell, M.; Du, F. & Fraley, G.

Exploration of time-dependent paleoceanographic flow data in virtual reality

Westerteiger, R.

Analyzing Effectiveness of Spatio-Temporal Data Visualization Techniques

Adali, S.; Eren, M.T.; Kaya, E. & Balcisoy, S.

10:15 Coffee break

10:45 **11** | Mini talks | Sara Fabrikant

Investigating Spatial Patterns in User-Generated Photographic Datasets by Means of Interactive Visual Analytics

Kachkaev, A. & Wood, J.

A Low-Threshold Geovisualization of Statistical Data on Commuter Relationships

Specht, S. & Hanewinkel, C.

Geovisualization for lay user's decision support: Reducing the spatial information overload

Kumar, C.; Heuten, W. & Boll, S.

Modeling movement behavior in a decentralized way

Feuerhake, U.

11:45 **12** | Talks | Jochen Schiewe

Unfolding - A Simple Library for Interactive Maps and Geovisualizations in Processing

Nagel, T.; Heidmann, F.; Duval, E.; Klerkx, J. & Vande Moere, A.

Green Spaces: Interactively Mapping the Results of a Public Consultation

Slingsby, A. & Radburn, R.

What the Quest for Tactile Maps Can Teach Us about Making Interactive Maps

Graf, C.

12:45 Closing & Farewell Drink