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.

Cognition Aspects of Geovisualization: A Case Study of Active and Passive Exploration in a Virtual Environment
Yilmaz, A. & Düzgün, S.

A unified approach for 3D generalization of building models represented in CityGML
Baig, S.S. & Rahman, A.A.

Dynamic maps for supporting spatial decision processes
Masala, E. & Pensa, S.

Improving collective intelligence and exploration in a VGI like context through communication of uncertainty information
Schiewe, J.

16:15 📁 **4** | **Talks** | **Gennady Andrienko**

A comparative user evaluation of six alternative permafrost visualizations for reading and interpreting temperature information
Dall'Acqua, L.; Çöltekin, A. & Noetzli, J.

Visual clustering of spatio-temporal hotspots for taxi activity in Shanghai
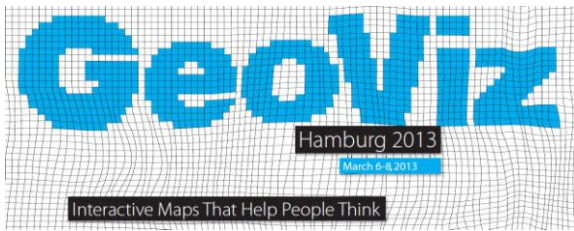Krisp, J.; Ding, L. & Wie, L.

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

GeoViz
Hamburg 2013
March 6-8, 2013
Interactive Maps That Help People Think

Program

effective January 11th, 2013
www.geomatik-hamburg.de/geoviz/

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.

10:15   Coffee break

10:45   📁 **6** | Mini talks | Gennady Andrienko

Promoting multirepresentation cartography as a territorial support. Interactive Atlas of European Regions: AIRE
Lambert, N. & Zanin, C.

Animating Google Maps: Visual Analytics meets Geoweb 2.0
Yadav, P. & Sengupta, R.

Toward User-Centred Geovisual Analytics in Maritime Surveillance
Vatin, G. & Napoli, A.

Comparison of Eye-Movement Paths while solving Geographical Tasks
Popelka, S.; Brychtova, A. & Hanzelka, J.

Visual Analysis of Geo-temporal Data through Geferences Tag Clouds
De Chiara, D.; Del Fatoo, V.; Sebillo, M. & Vitiello, G.

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.

12:45   Lunch break

14:15   📁 **8** | Talks | Gennady Andrienko

Towards Visualizing Geo-Referenced Climate Networks
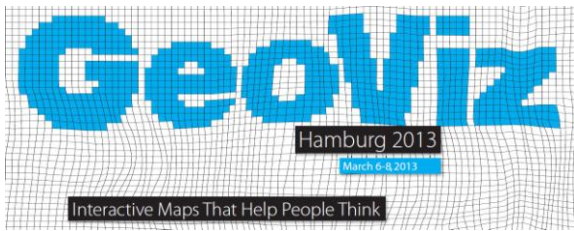Buschmann, S.; Nocke, T.; Tominski, C. & Döllner, J.

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

15:45 📁 **9** | Mini talks | Jason Dykes

Visually Exploring OpenStreetMap - The Technical Framework of OSMatrix
Roick, O. & Loos, L.

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.

Exploratory mapping of spatial interaction networks
Walsh, F.

Realtime focus maps for wayfinding applications
van Dijk, T.C. & Haunert, J.-H.

16:45 📁 **10** | 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.

Using cartograms to explore temporal data: Do they work?
Ullah, R.; Kraak, M.-J. & van Elzakker, C.

17:45 Closing time

17:45 **Excursions**

Friday, March 8

9:15 📁 **11** | 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 📁 **12** | 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.

Can contiguous cartograms be used for crime mapping?
Pödör, A.

11:45 📁 **13** | 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**