

Dagstuhl Seminar on Scalable Visual Analytics

Monday - November 22, 2010

9:00 - 10:30	<p>Introduction Keynote Talk: Cognitive Aspects of Visual Analytics, Brian Fisher</p>
10:30 - 11:00	Coffee Break
11:00 - 12:15	<p>Topology-based Visual Analysis of Information Spaces, Gerik Scheuermann, Gerhard Heyer</p> <p>Scalable Visual Patent Analysis, Thomas Ertl, Hinrich Schütze</p> <p>Visualization of and interaction with complex graphs on large-scale and high-resolution displays: models, metaphors, and interaction paradigms, Peter Liggesmeyer, Achim Ebert</p>
12:15	Lunch
13:45 - 15:30	<p>Exhaustive visual search for information in multi-dimensional data sets, Marcus Andreas Magnor, Holger Theisel</p> <p>Visual feature space analysis, Tobias Schreck</p> <p>Visually guided exploration of point cloud data in Euclidean space, Joachim Giesen</p> <p>Variational Methods for Model-based Interactive Analysis of Flows, Daniel Cremers, Martin Rumpf</p>
15:30 - 16:00	Coffee Break
16:00 - 17:45	<p>Visual Analytics for Large and heterogeneous Life Science data with emphasis on expression data, Kay Nieselt</p> <p>Zoomable Cell, Stefan Gumhold, Michael Schröder</p> <p>New techniques for the interactive navigation, visualization, and analysis of heterogeneous biological networks, Michael Kaufmann, Oliver Kohlbacher, Hans-Peter Lenhof, Gerhard Weikum</p> <p>Efficient Visual Analysis of Dynamic Medical Image Data, Bernhard Preim, Klaus-Dietz Tönnies</p>
18:00	Dinner

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9:00 - 10:30	<p>Keynote Talk: Infrastructure and Evaluation Aspects of Visual Analytics, Jean-Daniel Fekete</p> <p>Continuation of the VisMaster Initiative - Research Topics, Funding Opportunities, Next Steps, Jörn Kohlhammer</p>
10:30 - 11:00	Coffee Break
11:00 - 12:15	<p>Scalable Visual Analytics of Video Data, Gunther Heidemann, Daniel Weiskopf</p> <p>Visual analytics methods to support the spatiotemporal analysis of movements in a physical space, in particular in a geographical space, Daniel A. Keim, Stefan Wrobel</p> <p>Information about the Second Call for SPP Projects, Daniel A. Keim</p>
12:15	Lunch
14:00 - 15:30	<p>Impulse Talks</p> <ul style="list-style-type: none"> - Richard May: SCALABLE visual analytics ... Everything Breaks - Silvia Miksch: A Matter of Time and Interactions: Interactively Exploring Time-Oriented Data - Margit Pohl: Perception and Cognition in Visual Analytics: Frameworks for Analysis and Design - Susanne Boll: Designing Visual Analytics Applications for Interactive Surfaces
15:30 - 16:00	Coffee Break
16:00 - 17:45	<p>Jörn Kohlhammer: Continuation of the VisMaster Initiative - Research Topics, Funding Opportunities, Next Steps</p> <p>Working Groups</p> <ul style="list-style-type: none"> - Visual Analytics of High-dimensional Data - Visual Document Analysis - Geo-Spatial Visual Analytics
18:00	Dinner

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Wednesday - November 24, 2010

9:00 - 10:30	Loretta Auvil: Role of Mashups, Cloud Computing, and Parallelism for Visual Analytics Jean-Daniel Fekete: Evaluation Aspects of Visual Analytics Discussion about Infrastructure and Evaluation
10:30 - 11:00	Coffee Break
11:00 - 11:30	Working Groups <ul style="list-style-type: none">- Visual Analytics of High-dimensional Data- Visual Document Analysis- Geo-Spatial Visual Analytics
11:30 - 12:15	Working Group Reports
12:15	Lunch
14:00 - 18:00	Excursion to Saarburg
18:00	Dinner

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Thursday - November 25, 2010

9:00 - 10:30	New Research Ideas / Impulse Talks <ul style="list-style-type: none">- Andreas Kerren: Visualization of Wine Tasting Notes- Carsten Görg: Visual Analysis of Biomedical Documents- Enrico Bertini: High-dimensional Subspace Clustering- Gerhard Heyer: Modularity and Infrastructure in the eHumanities- Peter Liggesmeyer/Achim Ebert: Architecture Visualization
10:30 - 11:00	Coffee Break
11:00 - 12:15	Working Groups <ul style="list-style-type: none">- Bio-Medical Visual Analytics- Visual Analytics of dynamic/time-dependent/Streaming Data- Evaluation of Visual Analytics
12:15	Lunch
13:45 - 14:45	Working Groups <ul style="list-style-type: none">- Bio-Medical Visual Analytics- Visual Analytics of dynamic/time-dependent/Streaming Data- Evaluation of Visual Analytics
14:45 - 15:30	Working Group Reports
15:30 - 16:00	Coffee Break
16:00 - 17:45	Teaching Visual Analytics
18:00	Dinner

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Friday - November 26, 2010

9:00 - 10:30	New Research Ideas Talks <ul style="list-style-type: none">- Gerik Scheuerman: Topological Analysis of Large Document Collections- Daniela Oelke: Visual Readability Analysis- Waqar Saleem: Choosing the Right Model- Margit Pohl, Brian Fisher: The Role of Emotions in Visual Analytics- Margit Pohl, Brian Fisher: Cultural Differences between Europe and North America
10:30 - 11:00	Coffee Break
11:00 - 12:15	Finishing the Unfinished & Wrap-Up Session
12:15	Lunch
13:30	Departure