Program of SPP 1335 Meeting
at the VMV Conference

Participants: <u>ALL</u> SPP-partners as well as DFG representative and reviewers.

Conference Web-Site: http://vmv09.tu-bs.de/index.html

Early Bird Registration: 01.10.2009

Tuesday, 17th of November 2009

18:30-23:00	Conference Diner (Gastwerk)

Wednesday, 18th of November 2009

Regular paper session:

Time	Topic	Presenters' Name
09:00	**Medical Image Processing and Application** • Automatic Textual Annotation for Surgical Planning • Efficient Boundary Detection and Transfer Function Generation in Direct Volume Rendering • Perception-based Evaluation of Emphasis Techniques Used in 3D Medical Visualization • Semi-Automatic Manufacturing of Customized Hearing Aids Using a Feature Driven Rule-based Framework • Propagation of shape parameterization for the construction of a statistical shape model of the left ventricle	*Mühler, Preim* *Praßni, Ropinski, Hinrichs* *Baer, Adler, Lenz, Preim* *Sickel et al.* *Kirschner, Wesarg*
10:15	Coffee break	
10:30	**Scalable Visual Analytics (SPP 1335 special session)** • Analysis of community-contributed space- and time-referenced data by example of Panoramio photos • A System for Interactive Visual Analysis of Large Graphs Using Motifs in Graph Editing and Aggregation • Quality-Based Visualization Matrices • A Visual Analytics Approach to Diagnosis of Breast DCE-MRI Data	*Andrienko, Andrienko, Bak, Kisilevich, Keim* *von Landesberger, Görner, Rehner, Schreck* *Albuquerque, Eisemann, Lehmann, Theisel, Magnor* *Glaßer, Schäfer, Oeltze, Preim, Tönnies, Preim*
11:30	Coffee break	
11:45	Interactive Visual Analysis with different levels of complexity **Invited talk**	**Helwig Hauser**
12:45	VMV-Closing Remarks	

Lunch

13:00-14:00	Lunch

SPP Progress Reports:

Time	Project Name	Presenters' name
14:00	Visual Analytics for Large and heterogeneous Life Science data with emphasis on expression data	Professor Dr. Dirk Bartz, Dr. Kay Nieselt
14:20	Variational Methods for Model-based Interactive Analysis of Flows	Professor Dr. Daniel Cremers, Professor Dr. Martin Rumpf
14:40	Scalable Visual Patent Analysis	Professor Dr. Thomas Ertl, Professor Dr. Hinrich Schütze
15:00	Visually guided exploration of point cloud data in Euclidean space	Professor Dr. Joachim Giesen
15:20	Zoomable Cell	Professor Dr. Stefan Gumhold, Professor Dr. Michael Schröder
15:40	Scalable Visual Analytics of Video Data	Professor Dr. Gunther Heidemann, Professor Dr. Daniel Weiskopf
16:00	New techniques for the interactive navigation, visualization, and analysis of heterogeneous biological networks	Prof. Dr. Michael Kaufmann, Prof. Dr. Oliver Kohlbacher, Prof. Dr. Hans-Peter Lenhof, Prof. Dr.-Ing. Gerhard Weikum
16:20	Visualization of and interaction with complex graphs on large-scale and high-resolution displays: models, metaphors, and interaction paradigms	Professor Dr. Peter Liggesmeyer, Professor Dr. Achim Ebert
16:40	Topology-based Visual Analysis of Information Spaces	Professor Dr. Gerik Scheuermann, Professor Dr. Gerhard Heyer
17:00	Anouncement: SPP Collaboration Award	SPP-Coordniators