Fast Forward Session on Tuesday Oct. 27 EVENING (for Wednesday's events and presentations)

be in the Red Lacquer Ballroom by 17:55 sharp

Title	Authors	Seat #
InfoVis Session: Applications [08:30–10:10, Grand]		
- Visual Mementos: Reflecting Memories with Personal Data	Alice Thudt, Dominikus Baur, Samuel Huron, Sheelagh Carpendale	1
- Visualization, Selection, and Analysis of Traffic Flows	Roeland Scheepens, Christophe Hurter, Huub van de Wetering, Jarke van Wijk	2
- Visually Comparing Weather Features in Forecasts	P. Samuel Quinan, Miriah Meyer	3
- Vials: Visualizing Alternative Splicing of Genes	Hendrik Strobelt, Bilal Alsallakh, Joseph Botros, Brant Peterson, Mark Borowsky, Hanspeter Pfister, Alexander Lex	4
- TimeSpan: Using Visualization to Explore Temporal Multidimensional Data of Stroke Patients	Mona Hosseinkhani Loorak, Charles Perin, Noreen Kamal, Michael Hill, Sheelagh Carpendale	5
SciVis Session: Tasks and Applications [08:30–10:10, State]		
- A Classification of User Tasks in Visual Analysis of Volume Data	Bireswar Laha, Doug Bowman, David Laidlaw, John Socha	6
- Using Maximum Topology Matching to Explore Differences in Species Distribution Models	Jorge Poco, Harish Doraiswamy, Marian Talbert, Jeffrey Morisette, Claudio Silva	7
- Visual Verification of Space Weather Ensemble Simulations	Alexander Bock, Asher Pembroke, M. Leila Mays, Lutz Rastaetter, Anders Ynnerman, Timo Ropinski	8
- A Visual Voting Framework for Weather Forecast Calibration	Hongsen Liao, Yingcai Wu, Li Chen, Thomas M. Hamill, Yunhai Wang, Kan Dai, Hui Zhang, Wei Chen	9
- Real-time Uncertainty Visualization for B-Mode Ultrasound	Christian Schulte zu Berge, Denis Declara, Christoph Hennersperger, Maximilian Baust, Nassir Navab	10
VAST Session: Visual Analytics in Medicine and Healthcare [08:30–10:10, Red]		
- VisOHC: Designing Visual Analytics for Online Health Communities	Bum Chul Kwon, Sung-Hee Kim, Sukwon Lee, Jaegul Choo, Jina Huh, Ji Soo Yi	11
- 3D Regression Heat Map Analysis of Population Study Data	Paul Klemm, Kai Lawonn, Sylvia Glasser, Uli Niemann, Kathrin Hegenscheid, Henry Völzke, Bernhard Preim	12
- Supporting Iterative Cohort Construction with Visual Temporal Queries	Josua Krause, Adam Perer, Harry Stavropoulos	13
- PhenoBlocks: Phenotype Comparison Visualizations	Michael Glueck, Peter Hamilton, Fanny Chevalier, Simon Breslav, Azam Khan, Daniel Wigdor, Michael Brudno	14
- Integrating Predictive Analytics into a Spatio-Temporal Epidemic Simulation	Chris Bryan, Xue Wu, Susan Mniszewski, Kwan-Liu Ma	15
InfoVis Session: Design Studies and Methodology [10:30–12:10, Grand]		
- Sketching designs using the Five Design-Sheet methodology	Jonathan C. Roberts, Christopher Headleand, Panagiotis D. Ritsos	16
- Bridging Theory with Practice: An Exploratory Study of Visualization Use and Design for Climate Model Comparison	Aritra Dasgupta, Jorge Poco, Yaxing Wei, Robert Cook, Enrico Bertini, Claudio T. Silva	17
- Speculative Practices: Utilizing InfoVis to Explore Untapped Literary Collections	Uta Hinrichs, Stefania Forlini, Bridget Moynihan	18
- Poemage: Visualizing the Sonic Topology of a Poem	Nina McCurdy, Julie Lein, Katharine Coles, Miriah Meyer	19
- Matches, Mismatches, and Methods: Multiple-View Workflows for Energy Portfolio Analysis	Matthew Brehmer, Jocelyn Ng, Kevin Tate, Tamara Munzner	20

Title	Authors	Seat #
SciVis Session: Feature Extraction and Flows [10:30–12:10, State]		
- Rotation Invariant Vortices for Flow Visualization	Tobias Günther, Maik Schulze, Holger Theisel	21
- Extracting, Tracking, and Visualizing Magnetic Flux Vortices in 3D Complex-Valued Superconductor Simulation Data	Hanqi Guo, Carolyn Phillips, Tom Peterka, Dmitry Karpeyev, Andreas Glatz	22
- Distribution Driven Extraction and Tracking of Features for Time-varying Data Analysis	Soumya Dutta, Han-Wei Shen	23
- Visualization and Analysis of Rotating Stall for Transonic Jet Engine Simulation	Chun-Ming Chen, Soumya Dutta, Xiaotong Liu, Gregory Heinlein, Han-Wei Shen, Jenping Chen	24
- In Situ Eddy Analysis in a High-Resolution Ocean Climate Model	Jonathan Woodring, Mark Petersen, Andre Schmeisser, John Patchett, James Ahrens, Hans Hagen	25
VAST Session: Complementing Visual and Algorithmic Analysis [10:30–12:10, Red]		
- The Data Context Map: Fusing Data and Attributes into a Unified Display	Shenghui Cheng, Klaus Mueller	26
- InterAxis: Steering Scatterplot Axes via Observation-Level Interaction	Hannah Kim, Jaegul Choo, Haesun Park, Alex Endert	27
- Temporal MDS Plots for Analysis of Multivariate Data	Dominik Jäckle, Fabian Fischer, Tobias Schreck, Daniel A. Keim	28
- Visual Analytics for Development and Evaluation of Order Selection Criteria for Autoregressive Processes	Thomas Löwe, Emmy-Charlotte Förster, Georgia Albuquerque, Jens-Peter Kreiss, Marcus Magnor	29
- Supporting Activity Recognition by Visual Analytics	Martin Röhlig, Martin Luboschik, Markus Bögl, Frank Krüger, Bilal Alsallakh, Silvia Miksch, Thomas Kirste, Heidrun Schumann	30
- VISAP Papers #1 & Panel [10:30–12:10,13:00–14:00]	Angus Forbes, Fanny Chevalier, Daria Tsoupikova	31
InfoVis Session: Perception [14:00–15:40, Grand]		
- Spatial Reasoning and Data Displays	Susan VanderPlas, Heike Hofmann	32
- Beyond Weber's Law: A Second Look at Ranking Visualizations of Correlation	Matthew Kay, Jeffrey Heer	33
- A Psychophysical Investigation of Size as a Physical Variable	Yvonne Jansen, Kasper Hornbæk	34
- Guidelines for Effective Usage of Text Highlighting Techniques	Hendrik Strobelt, Daniela Oelke, Bum Chul Kwon, Tobias Schreck, Hanspeter Pfister	35
- Comparing Color and Leader Line Highlighting Strategies in Coordinated View Geovisualizations	Amy L. Griffin, Anthony C. Robinson	36
Panel [14:00-15:40, State]		
- Solved Problems in Visualization	Robert Laramee (organizer), Thomas Ertl, Chris Johnson, Robert Moorhead, Penny Rheingans, William Ribarsky	37
VAST Session: Visual Analytics of Movement and Transport Data [14:00-15:40, Red]		
- A Methodology for Simplification and Thematic Enhancement of Trajectories	Katerina Vrotsou, Halldor Janetzko, Carlo Navarra, Georg Fuchs, David Spretke, Florian Mansmann, Natalia Andrienko, Gennady Andrienko	38
- TrajGraph: A Graph-Based Visual Analytics Approach to Studying Urban Network Centrality Using Taxi Trajectory Data	Xiaoke Huang, Ye Zhao, Jing Yang, Chong Zhang, Chao Ma, Xinyue Ye	39
- iVizTRANS: Interactive Visual Learning for Home and Work Place Detection from Massive Public Transportation Data	Liang Yu, Wei Wu, Xiaohui Li, Guangxia Li, Wee Siong Ng, See Kiong Ng, Zhongwen Huang, Anushiya Arunan, Hui Min Watt	40
- AllAboard: Visual Exploration of Cellphone Mobility Data to Optimise Public Transport	Giusy Di Lorenzo, Marco Luca Sbodio, Francesco Calabrese, Michele Berlingerio, Fabio Pinelli, Rahul Nair	41
- Visually Exploring Transportation Schedules	Cesar Palomo, Zhan Guo, Claudio Silva, Juliana Freire	42

Title	Authors	Seat #
CG&A Session: Personal Visualization [14:00-15:40, Empire]		
- Understanding Digital Note-Taking Practice for Visualization	Wesley Willett, Pascal Goffin, Petra Isenberg	43
- Eye Tracking for Personal Visual Analytics	Kuno Kurzhals, Daniel Weiskopf	44
- Characterizing Visualization Insights from Quantified-Selfers' Personal Data Presentations	Eun Kyoung Choe, Bongshin Lee, M. C. Schraefel	45
- Engaging with Energy in the Informative Home: Challenges and opportunities for eco-feedback	Lyn Bartram	46
- Design and Effects of Personal Visualizations	Shimin Wang, Yuzuru Tanahashi, Nick Leaf, Kwan-Liu Ma	47
- Supporter Presentation Session [16:15–17:55, Grand]	Allen Sanderson, David Gotz, Tobias Isenberg	48
SciVis Session: Maps, Geometry, and Terrain [16:15–17:55, State]		
- Planar Visualization of Treelike Structures	Joseph Marino, Arie Kaufman	49
- Interstitial and Interlayer Ion Diffusion Geometry Extraction in Graphitic Nanosphere Battery Materials	Attila Gyulassy, Aaron Knoll, Peer-Timo Bremer, Bei Wang, Kah Chun Lau, Michael Papka, Larry Curtiss, Valerio Pascucci	50
- Effectiveness of Structured Textures on Dynamically Changing Terrain-like Surfaces	Thomas Butkiewicz, Andrew H. Stevens	51
- TelCoVis: Visual Exploration of Co-occurrence in Urban Human Mobility Based on Telco Data	Wenchao Wu, Jiayi Xu, Haipeng Zeng, Yixian Zheng, Bing Ni, Mingxuan Yuan, Lionel M. Ni, Huamin Qu	52
VAST Session: Uncertainty, Correlation, and Causality [16:15–17:55, Red]		
- Visual Correlation Analysis of Numerical and Categorical Data on the Correlation Map	Zhiyuan Zhang; Kevin T. McDonnell, Erez Zadok, Klaus Mueller	53
- The Visual Causality Analyst: An Interactive Interface for Causal Reasoning	Jun Wang, Klaus Mueller	54
- The Role of Uncertainty, Awareness, and Trust in Visual Analytics	Dominik Sacha, Hansi Senaratne, Bum Chul Kwon, Geoffrey Ellis, Daniel Keim	55
- An Uncertainty-Aware Approach for Exploratory Microblog Retrieval	Mengchen Liu, Shixia Liu, Xizhou Zhu, Qinying Liao, Furu Wei, Shimei Pan	56
Panel [16:15–17:55, Empire]		
- Could Visualization Provide a Pathway to STEM?	Vetria Byrd (organizer), Donna Cox, Michael Smith, Joseph Cottam	57
Posters: InfoVis Best & Honorable Mention Posters		
- Interactive Visualization of Provenance Graphs for Reproducible Biomedical Research	Stefan Luger, Holger Stitz, Samuel Gratzl, Nils Gehlenborg, Marc Streit	58
- ThermalPlot: Visualizing Multi-Attribute Time-Series Data Using a Thermal Metaphor	Holger Stitz, Samuel Gratzl, Wolfgang Aigner, Marc Streit	59
- "Show me data." Observational Study of a Conversational Interface in Visual Data Exploration	Jillian Aurisano, Abhinav Kumar, Alberto Gonzales, Khairi Reda, Jason Leigh, Barbara Di Eugenio, Andrew Johnson	60
- Drawing Data on Maps: Sketch-Based Spatiotemporal Visualization	Alex Godwin, John Stasko	61
- Visualizing the Scale of World Economies	Owen Cornec, Romain Vuillemot	62
Posters: SciVis Best & Honorable Mention Posters		
- OpenSpace: Public Dissemination of Space Mission Profiles	Alexander Bock, Michal Marcinkowski, Joakim Kilby, Carter Emmart, Anders Ynnerman	63
- Visualizing Crossing Probabilistic Tracts	Mathias Goldau, André Reichenbach, Mario Hlawitschka	64

Title	Authors	Seat #
Posters: VAST Best & Honorable Mention Posters		
- Visually and Statistically Guided Imputation of Missing Values in Univariate Seasonal Time Series	Markus Bögl, Wolfgang Aigner, Peter Filzmoser, Theresia Gschwandtner, Tim Lammarsch, Silvia Miksch, Alexander Rind	**65**
- Visual Data Quality Analysis for Taxi GPS Data	Zuchao Wang, Xiaoru Yuan, Tangzhi Ye, Youfeng Hao, Siming Chen, Jie Liang, Qiusheng Li, Haiyang Wang, Yadong Wu	**66**
- StreamVisND: Visualizing Relationships in Streaming Multivariate Data	Shenghui Cheng, Yue Wang, Dan Zhang, Zhifang Jiang, Klaus Mueller	**67**
- Meetups on Wednesday	Tatiana von Landesberger, Marc Streit, Zoe Wood	**68**