Fast Forward Session on Wednesday Oct. 28 EVENING (for Thurday's and Friday's events and presentations)

be in the Red Lacquer Ballroom by 17:55 sharp

Title	Authors	Seat #
InfoVis Session: Human Reasoning [Thu. 08:30-10:10, Grand]		
- How do People Make Sense of Unfamiliar Visualizations?: A Grounded Model of Novice's Information Visualization Sensemaking	Sukwon Lee, Sung-Hee Kim, Ya-Hsin Hung, Heidi Lam, Youn-ah Kang, Ji Soo Yi	1
- Learning Visualizations by Analogy: Promoting Visual Literacy through Visualization Morphing	Puripant Ruchikachorn, Klaus Mueller	2
- Acquired Codes of Meaning in Data Visualization and Infographics: Beyond Perceptual Primitives	Lydia Byrne, Daniel Angus, Janet Wiles	3
- Beyond Memorability: Visualization Recognition and Recall	Michelle Borkin, Zoya Bylinskii, Nam Wook Kim, Constance Bainbridge, Chelsea Yeh, Daniel Borkin, Hanspeter Pfister, Aude Oliva	4
- Improving Bayesian Reasoning: The Effects of Phrasing, Visualization, and Spatial Ability	Alvitta Ottley, Evan Peck, Lane Harrison, Daniel Afergan, Caroline Ziemkiewicz, Holly A. Taylor, Paul K. J. Han, Remco Chang	5
SciVis Session: Interfaces, Languages, and Systems [Thu. 08:30-10:10, State]		
- Diderot: a Domain-Specific Language for Portably Parallel Scientific Visualization and Image Analysis	Gordon Kindlmann, Charisee Chiw, Nicholas Seltzer, Lamont Samuels, John Reppy	6
- Visualization-by-Sketching: An Artist's Interface for Creating Multivariate Time-Varying Data Visualizations	David Schroeder, Daniel F. Keefe	7
- CAST: Effective and Efficient User Interaction for Context Aware Selection in 3D Particle Clouds	Lingyun Yu, Konstantinos Efstathiou, Petra Isenberg, Tobias Isenberg	8
- Intuitive Exploration of Volumetric Data Using Dynamic Galleries	Daniel Jönsson, Martin Falk, Anders Ynnerman	9
- Scalable Parallel Distance Field Construction for Large-Scale Applications	Hongfeng Yu, Jinrong Xie, Kwan-Liu Ma, Hemanth Kolla, Jacqueline H. Chen	10
VAST Session: Visual Analytics of Textual Data (I) [Thu. 08:30-10:10, Red]		
- Visual Analysis and Dissemination of Scientific Literature Collections with SurVis	Fabian Beck, Sebastian Koch, Daniel Weiskopf	11
- CiteRivers: Visual Analytics of Citation Patterns	Florian Heimerl, Qi Han, Steffen Koch, Thomas Ertl	12
- Interactive Visual Profiling of Musicians	Stefan Jänicke, Josef Focht, Gerik Scheuermann	13
- VAiRoma: A Visual Analytics System for Making Sense of Places, Times, and Events in Roman History	Isaac Cho, Wenwen Dou, Xiaoyu Wang, Eric Sauda, Bill Ribarsky	14
- Exploring Evolving Media Discourse Through Event Cueing	Yafeng Lu, Michael Steptoe, Sarah Burke, Hong Wang, Jiun-Yi Tsai, Hasan Davulcu, Douglas Montgomery, Steven R. Corman, Ross Maciejewski	15
InfoVis Session: Interactive Systems [Thu. 10:30–12:10, Grand]		
- Suggested Interactivity: Seeking Perceived Affordances for Information Visualization	Jeremy Boy, Louis Eveillard, Françoise Detienne, Jean-Daniel Fekete	16
- VectorLens: Angular Selection of Curves within 2D Dense Visualizations	Maxine Dumas, Michael McGuffin, Patrick Chasse	17
- Voyager: Exploratory Analysis via Faceted Browsing of Visualization Recommendations	Kanit Wongsuphasawat, Dominik Moritz, Anushka Anand, Jock Mackinlay, Bill Howe, Jeffrey Heer	18
- VisDock: A Toolkit for Cross-Cutting Interactions in Visualization	Jungu Choi, Deok Gun Park, Yuet Ling Wong, Eli Raymond Fisher, Niklas Elmqvist	19
- Reactive Vega: A Streaming Dataflow Architecture for Declarative Interactive Visualization	Arvind Satyanarayan, Ryan Russell, Jane Hoffswell, Jeffrey Heer	20

Title	Authors	Seat #
SciVis Session: Vectors, Acceleration, and Hardware [Thu. 10:30–12:10, State]		
- Explicit Frequency Control for High-Quality Texture-Based Flow Visualization	Victor Matvienko, Jens Krueger	21
- Feature-Based Tensor Field Visualization for Fiber Reinforced Polymers	Valentin Zobel, Markus Stommel, Gerik Scheuermann	22
- CPU Ray Tracing Large Particle Data with Balanced P-k-d Trees	Ingo Wald, Aaron Knoll, Gregory P Johnson, Will Usher, Valerio Pascucci, Michael Papka	23
- Auto-Calibration of Multi-Projector Displays with a Single Handheld Camera	Sanghun Park, Hyunggoog Seo, Seunghoon Cha, Junyong Noh	24
VAST Session: Visual Analytics of Social Media Data [Thu. 10:30–12:10, Red]		
- DemographicVis: Analyzing Demographic Information based on User Generated Content	Wenwen Dou, Isaac Cho, Omar ElTayeby, Jaegul Choo, Xiaoyu Wang, Bill Ribarsky	25
- egoSlider: Visual Analysis of Egocentric Network Evolution	Yanhong Wu, Naveen Pitipornvivat, Jian Zhao, Sixiao Yang, Guowei Huang, Huamin Qu	26
- Interactive Visual Movement Patterns Discovering from Sparsely Sampled Geo-tagged Social Media Data	Siming Chen, Zhenhuang Wang, Cong Guo, Zuchao Wang, Jie Liang, Xiaoru Yuan, Xiaolong (Luke) Zhang, Jiawan Zhang	27
- TargetVue: Visual Analysis of Anomaly User Behaviors in Online Communication Systems	Nan Cao, Conglei Shi, W. Sabrina Lin, Jie Lu, Yu-Ru Lin, Ching-Yung Lin	28
- EgoNetCloud: Event-based Egocentric Dynamic Network Visualization	Qingsong Liu, Yifan Hu, Lei Shi, Xinzhu Mu, Yutao Zhang, Jie Tang	29
- **VISAP Papers #2** [Thu. 10:30–12:10, Empire]	Angus Forbes, Fanny Chevalier, Daria Tsoupikova	30
- **VIS 2016 Kick-off (open to all)** [Thu. 12:10–14:00]	Terry S. Yoo (General Chair), Jesus Caban (Vice Chair)	31
InfoVis Session: Techniques [Thu. 14:00–15:40, Grand]		
- Automatic Selection of Partitioning Variables for Small Multiple Displays	Anushka Anand, Justin Talbot	32
- A Simple Approach for Boundary Improvement of Euler Diagrams	Paolo Simonetto, Daniel Archambault, Carlos Scheidegger	33
- AggreSet: Rich and Scalable Set Exploration using Visualizations of Element Aggregations	M. Adil Yalçın, Niklas Elmqvist, Benjamin B. Bederson	34
- UnTangle Map: Visual Analysis of Probabilistic Multi-Label Data	Nan Cao, Yu-Ru Lin, David Gotz	35
- A Linguistic Approach to Categorical Color Assignment for Data Visualization	Vidya Setlur, Maureen Stone	36
SciVis Session: Multivariate and Tensor Visualization [Thu. 14:00–15:40, State]		
- Interactive Visualization for Singular Fibers of Functions f: R3->R2	Daisuke Sakurai, Osamu Saeki, Hamish Carr, Hsiang-Yun Wu, Takahiro Yamamoto, David Duke, Shigeo Takahashi	37
- Association Analysis for Visual Exploration of Multivariate Scientific Data Sets	Xiaotong Liu, Han-Wei Shen	38
- Mining Graphs for Understanding Time-Varying Volumetric Data	Yi Gu, Chaoli Wang, Tom Peterka, Robert Jacob, Seung Hyun Kim	39
- Visualizing Tensor Normal Distributions at Multiple Levels of Detail	Amin Abbasloo, Vitalis Wiens, Max Hermann, Thomas Schultz	40
- Adaptive Multilinear Tensor Product Wavelets	Kenneth Weiss, Peter Lindstrom	41
Panel [Thu. 14:00–15:40, Red]		
- The Professional Ecology of Visualization	Laura McNamara (organizer), David Ebert, Brian Fisher, John Alexis Guerra-Gomez, Jean Scholtz	42

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CG&A Session: Application-tailored Visualizations [Thu. 14:00–15:40, Empire]		
Visual Analytics for Early-Phase Complex Engineered System Design Support	Rahul C. Basole, Ahsan Qamar, Hyunwoo Park, Christiaan J.J. Paredis, Leon F. McGinnis	43
A Graph-based Method to Detect Rare Events: An Application to Identify Pathologic Cells	Enikö Székely, Arnaud Sallaberry, Faraz Zaidi, Pascal Poncelet	44
Knowledge-Assisted Ranking: A Visual Analytic Application for Sport Event Data	David H. S. Chung, Matthew L. Parry, Iwan W. Griffiths, Robert S. Laramee, Rhodri Bown, Philip A. Legg, Min Chen	45
Visualizing Personal Progress in Participatory Sports Cycling Events	Jo Wood	46
Interactive Visual Analysis of Heterogeneous Cohort Study Data	Paolo Angelelli, Steffen Oeltze, Judit Haász, Cagatay Turkay, Erlend Hodneland, Arvid Lundervold, Astri J. Lundervold, Bernhard Preim, Helwig Hauser	47
InfoVis Session: Multidimensional Visualization [Thu. 16:15–17:55, Grand]		
Off the Radar: Comparative Evaluation of Radial Visualization Solutions for Composite Indicators	Yael Albo, Joel Lanir, Peter Bak, Sheizaf Rafaeli	48
Evaluation of Parallel Coordinates: Overview, Categorization and Guidelines for Future Research	Jimmy Johansson, Camilla Forsell	49
Orientation-Enhanced Parallel Coordinate Plots (OPCPs)	Renata Raidou, Martin Eisemann, Marcel Breeuwer, Elmar Eisemann, Anna Vilanova	50
Visualizing Multiple Variables Across Scale and Geography	Sarah Goodwin, Jason Dykes, Aidan Slingsby, Cagatay Turkay	51
Panel [Thu. 16:15–17:55, State]		
Visualization, The Next Generation: Teaching Across the Researcher-Practitioner Gap	Marti A. Hearst (organizer), Eytan Adar (organizer), Robert Kosara, Tamara Munzner, Jon Schwabisch, Ben Shneiderman	52
VAST Session: Visual Analytics in Design and Development [Thu. 16:15–17:55, Red]		
- FPSSeer: Visual Analysis of Game Frame Rate Data	Quan Li, Peng Xu, Huamin Qu	53
LiteVis: Integrated Visualization for Simulation-Based Decision Support in Lighting Design	Johannes Sorger, Thomas Ortner, Christian Luksch, Michael Schwärzler, Eduard Gröller, Harald Piringer	54
- Comparative Visual Analysis of Vector Field Ensembles	Mihaela Jarema, Ismail Demir, Johannes Kehrer, Rüdiger Westermann	55
Interactive Visual Steering of Hierarchical Simulation Ensembles	Rainer Splechtna, Kresimir Matkovic, Denis Gracanin, Mario Jelovic, Helwig Hauser	56
Urbane: A 3D Framework to Support Data Driven Decision Making in Urban Development	Nivan Ferreira, Marcos Lage, Harish Doraiswamy, Huy Vo, Luc Wilson, Heidi Werner, Muchan Park, Claudio Silva	57
- SciVis Contest (1/2 session) [Thu.16:15–17:55, Empire]	Bernd Hentschel, Berk Geveci	58
- Meetups on Thursday	Tatiana von Landesberger, Marc Streit, Zoe Wood	59
InfoVis Session: Time [Fri. 08:30–10:10, Grand]		
Visual Encodings of Temporal Uncertainty: A Comparative User Study	Theresia Gschwandtner, Markus Bögl, Paolo Federico, Silvia Miksch	60
TimeNotes: A Study on Effective Chart Visualization and Interaction Techniques for Time-Series Data	James Walker, Rita Borgo, Mark W. Jones	61
Time Curves: Folding Time to Visualize Patterns of Temporal Evolution in Data	Benjamin Bach, Conglei Shi, Nicolas Heulot, Tara Madhayastha, Thomas Grabowsi, Pierre Dragicevic	62
An Efficient Framework for Generating Storyline Visualizations from Streaming Data	Yuzuru Tanahashi, Chien-Hsin Hsueh, Kwan-Liu Ma	63
ThemeDelta: Dynamic Segmentations over Temporal Topic Models	Samah Gad, Waqas Javed, Sohaib Ghani, Niklas Elmqvist, Tom Ewing, Keith N. Hampton, Naren Ramakrishnan	64

Title	Authors	Seat #
SciVis Session: Biomedical and Molecular Visualization (II) [Fri. 08:30–10:10, State]		
- AnimoAminoMiner: Exploration of Protein Tunnels and their Properties in Molecular Dynamics	Jan Byška, Mathieu Le Muzic, Eduard Gröller, Ivan Viola, Barbora Kozlikova	65
- Exploration of the Brain's White Matter Structure through Visual Abstraction and Multi-Scale Local Fiber Tract Contraction	Maarten H. Everts, Henk Bekker, Jos B.T.M. Roerdink, Tobias Isenberg	66
- Cluster Analysis of Vortical Flow in Simulations of Cerebral Aneurysm Hemodynamics	Steffen Oeltze-Jafra, Juan R. Cebral, Gàbor Janiga, Bernhard Preim	67
VAST Session: Visual Analytics of Textual Data (II) [Fri. 08:30–10:10, Red]		
- TimeLineCurator: Interactive Authoring of Visual Timelines from Unstructured Text	Johanna Fulda, Matthew Brehmer, Tamara Munzner	68
- BiSet: Semantic Edge Bundling with Biclusters for Sensemaking	Maoyuan Sun, Peng Mi, Chris North, Naren Ramakrishnan	69
- FeatureInsight: Visual Support for Error-Driven Feature Ideation in Text Classification	Michael Brooks, Saleema Amershi, Bongshin Lee, Steven Drucker, Ashish Kapoor, Patrice Simard	70
- Task-Driven Comparison of Topic Models	Eric Alexander, Michael Gleicher	71
CG&A Session: Business Intelligence Visualization and Displays [Fri. 08:30–10:10, Empire]		
- The Reality Deck - Immersive Gigapixel Display	Charilaos Papadopoulos, Kaloian Petkov, Arie E. Kaufman, Klaus Mueller	72
- Visual Business Ecosystem Intelligence: Lessons from the Field	Rahul C. Basole	73
- Visualization Beyond the Desktop - the next big thing	Jonathan C. Roberts, Panagiotis D. Ritsos, Sriram Karthik Badam, Dominique Brodbeck, Jessie Kennedy, Niklas Elmqvist	74
- From Data to Insight: Work Practices of Analysts in the Enterprise	Eser Kandogan, Aruna Balakrishnan, Eben M. Haber, Jeffrey S. Pierce	75
- Business Intelligence from Social Media: A Study from the VAST Box Office Challenge	Yafeng Lu, Feng Wang, Ross Maciejewski	76