WORKSHOP: SESSION 1

Room: "Adams"

8:30 am   Opening

8:35 am   Keynote

Kenneth Holmqvist
Measures and visualizations from eye movement data

9:25 am   Paper Session: Data, Metrics, and Cognitive Models

Zoya Bylinskii and Michelle Borkin
Eye Fixation Metrics for Large Scale Analysis of Information Visualizations

Andrew Duchowski and Krzysztof Krejtz
Visualizing Dynamic Ambient/Focal Attention with Coefficient K

Christoph Schulz, Michael Burch and Daniel Weiskopf
Visual Data Cleansing of Eye Tracking Data

John Balint, Brad Reynolds, Leslie Blaha and Tim Halverson
Visualizing Eye Movements in Formal Cognitive Models

10:10 am   Coffee Break

WORKSHOP: SESSION 2

Room: "Adams"

10:30 am   Paper Session: Experiments and User Interfaces

Leslie Blaha, Joseph Houpt, Mary Frame and Jacob Kern
Watching You Watching You: Visualization of Visual-Motor Behavior

Wayne Gray, Ryan Hope, Mathew-Donald Sangster and John Lindstedt
Gaze Transitions During Play of a Dynamic Video Game

Laura Tateosian, Michelle Glatz, Makiko Shukunobe and Pankaj Chopra
GazeGIS: A Gaze-based Reading and Dynamic Geographic Information System

Paper Session: Visualization and Visual Analytics

Cagatay Demiralp, Jesse Crimele, Jeffrey Heer and Stuart K. Card
The VERP Explorer: A Tool for Exploring Eye Movements of Visual-Cognitive Tasks Using Recurrence Plots

Truong-Huy Nguyen, Michael Richards, Magy Seif El-Nasr and Derek Isaacowitz
A Visual Analytic System for Comparing Attention Patterns in Eye-Tracking Data

Fabian Beck, Tanja Blascheck, Thomas Ertl and Daniel Weiskopf
Exploring Word-Sized Graphics for Visualizing Eye Tracking Data within Transcribed Experiment Recordings

Paper Session: 3D and Immersion

Xi Wang, Christian Lessig, Marc Alexa and David Lindlbauer
Accuracy of Monocular Gaze Tracking on 3D Geometry

Bo Ma, Eakta Jain and Alireza Entezari
3D Saliency from Eye Tracking with Tomography

Thomas Löwe, Michael Stengel, Emmy-Charlotte Förster, Steve Grogorick and Marcus Magnor
Visualization and Analysis of Head Movement and Gaze Data for Immersive Video in Head-mounted Displays

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12:10 pm   Lunch Break

MEETUP: DISCUSSIONS

Room „Salon 1"

2:00 pm   Discussion of process and expectation for the publication of the ETVIS workshop papers, extended papers for a book

2:20 pm   Panel discussions and critique for the papers from the morning sessions (combined for each section):

- Data, Metrics, and Cognitive Models
- Experiments and User Interfaces
- Visualization and Visual Analytics
- 3D and Immersion

3:20 pm   General discussion, perspectives, community building, and future of ETVIS

3:40 pm   Closing