Logs & Visualisation (LIVVIL) workshop

08:30 - 08:40  Welcome and introduction
08:40 - 09:15  **Keynote** by Catherine Plaisant
09:15 - 09:40  **LogVis** Panel: Logging Visualizations
09:40 - 10:10  Panel discussion with speakers
10:10 - 10:30  Coffee Break
10:30 - 11:00  **VisLog** Panel: Visualizing Logs
11:00 - 11:30  Panel discussion with speakers
11:30 - 12:10  **Group discussion / questions, roadmap, next steps**
12:10 - 14:00  Collective Lunch

Welcome!

Romain Vuillemot  
@romsson

Jeremy Boy  
@myjyby

Aurélien Tabard  
@aurelient

Charles Perin  
@charles_perin

Jean-Daniel Fekete  
@jdfaviz
People who liked this workshop also liked..

**The Event Event**: Workshop on Temporal & Sequential Event Analysis  
Monday, October 24  2:00pm - 6pm  
[http://eventevent.github.io/](http://eventevent.github.io/)

**BELIV**: Beyond Time And Errors: Novel Evaluation Methods For Visualization  
Monday, October 8:30am - 6pm  
[http://beliv.cs.univie.ac.at/](http://beliv.cs.univie.ac.at/)

**VAST**: Social Media Data and Events  
Thursday, October 27 8:30am - 10:10pm  
[http://ieeevis.org/year/2016/info/overview-amp-topics/papers](http://ieeevis.org/year/2016/info/overview-amp-topics/papers)  
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What are logs?

"Temporal events reflecting user's activity"

User ID | Timestamp | User action
--- | --- | ---

- **Non-intrusive:** their collection usually is transparent to the user.
- **Cheap:** can be collected using very simple and affordable mechanisms.
- **Capture lots of information:** data state, annotation, multiple sessions.
Understanding user engagement at a large scale

Storytelling in Information Visualizations: Does it Engage Users to Explore Data?
(Boy et al.) CHI 2015
“Logging personal activity and using logs for user studies”
À Table! (Perin et al). CHI 2014
“Logs infrastructure”

TimeLine of JDF's Life 2003-2013 (AVIZ Era)
J. Zhao, C. Collins, F. Chevalier, and R. Balakrishnan. Interactive Exploration of Implicit and Explicit Relations in Faceted Datasets. IEEE InfoVis 2013
LogVis

- What and how to track users
- Technical infrastructure
- Complex user interactions
- Frequency and volume
- Reporting and communication
- Analysis for evaluation
- Qualitative feedback structure
- Ethics and privacy issues
+ [ADD YOURS]

VisLog

- Novel visualizations
- Visual cues using history
- Knowledge view
- Reflecting on past actions
- Visual analysis for patterns discovery
- Interactions (undo, playback)
+ [ADD YOURS]

Expectations for this workshop

- Share best practices in LogVis and VisLog
- Share awareness around logs & structure the community
- Pave the way for a long term research agenda
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Keynote Speaker: Catherine Plaisant

"Visualizing and manipulating temporal event sequences with EventFlow: challenges and lessons learned for log analysis."

- **Senior Research Scientist** at the University of Maryland Institute for Advanced Computer Studies
- **Associate Director** of Research of the Human-Computer Interaction Lab
- Member of the **SIGCHI Academy** since 2015
- **+20 years** of Research, **+140 published papers**

*Information visualization, medical informatics, universal access, digital humanities, technology for families, and evaluation*

6th Editions of Designing the User Interface, one of the major books on Human-Computer Interaction

http://hcil.umd.edu/catherine-plaisant/
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LogVis panel (Logging Visualizations)

"Logging in Visualizations: Challenges of Interaction Techniques Beyond Mouse and Keyboard"
Tom Horak, Ulrike Kister, Konstantin Klamka, Ricardo Langner, Raimund Dachselt.

"Requirements for Visual Interaction Analysis Systems"
Yi Han, Gregory D. Abowd, John Stasko.

"Logging Interactions to Learn About Visual Data Coverage"
Tanja Blascheck, Steffen Koch, Thomas Ertl.
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VisLog panel (Visualizing Logs)

“Interaction Log and Provenance for Sensemaking”
Phong H. Nguyen, Kai Xu, B. L. William Wong.

"Leveraging Interaction History for Intelligent Configuration of Multiple Coordinated Views in Visualization Tools"
Andrew Pachuilo, Eric D. Ragan, John R. Goodall.

"Results and Challenges in Visualizing Analytic Provenance of Text Analysis Tasks Using Interaction Logs"
Rhema Linder, Alyssa M. Peña, Sampath Jayarathna, Eric D. Ragan.

"SpatialVis: Visualization of Spatial Gesture Interaction Logs"
Erik Paluka, Christopher Collins.
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http://tiny.cc/livvil/
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Keep the conversion going on http://tiny.cc/livvil