

# VISSOFT 2011



## VISSOFT 2011 Schedule

### Thursday 29

13:10 *Welcome (Conference Chairs)*

13:20 *Presentation Session 1*

*Quality and Evolution (Chair: H. Müller)*

13:20 U. Erdemir, U. Tekin and F. Buzluca

**E-Quality: A Graph Based Object Oriented Software Quality Visualization Tool**

13:45 S. Neu, M. Lanza, L. Hattori and M. D'Ambros

**Telling Stories about GNOME with Complicity**

14:10 Session discussion

15:50 *Coffee Break*

14:40 *Presentation Session 2*

*Dynamic Analysis (Chair: A. Telea)*

14:40 A.N.M. Choudhury and P. Rosen

**Abstract Visualization of Runtime Memory Behavior**

15:05 J. Lönnberg, M. Ben-Ari and L. Malmi

**Visualising Concurrent Programs with Dynamic Dependence Graphs**

15:20 C. Wirth, H. Praehofer and R. Schatz

**A Multi-level Approach for Visualization and Exploration of Reactive Program Behavior through Dynamic Analysis**

15:35 Session discussion

15:50 *Coffee Break*

16:10 *Joint Informal Tool demo session with ICSM*

17:00 *Formal Tool Demos (Chair: M. D'Ambros)*

17:00 R. Novais, C. Lima, G. Carneiro, P. Junior and M. Mendonça

**An Interactive Differential and Temporal Approach to Visually Analyze Software Evolution**

17:20 D. Reniers, L. Voinea and A. Telea

**Visual exploration of program structure, dependencies and metrics with SolidSX**

17:40 J. Maletic, D. Mosora, C. Newman, M. Collard, A. Sutton and B. Robinson

**MosaiCode: Visualizing Large Scale Software: A Tool Demonstration**

19:00 *Dinner at Christina Campbell's Tavern*

### Friday 30

09:00 *Keynote "Thinking outside the Bento Box", Rob DeLine*

10:30 *Coffee Break*

11:00 *Presentation Session 3*

*Program Dependencies (Chair: J. Maletic)*

11:00 P. Caserta, O. Zendra and D. Bodénès

**3D Hierarchical Edge Bundles to Visualize Relations in a Software City Metaphor**

11:25 F. Deng, N. Diguseppe and J. Jones

**Constellation Visualization: Augmenting Program Dependence with Dynamic Information**

11:50 F. Beck, R. Petkov and S. Diehl

**Visually Exploring Multi-Dimensional Code Couplings**

12:15 Session discussion

12:30 *Lunch*

14:00 *Presentation Session 3*

*Software Development and Maintenance*

14:00 M. Beck, J. Trümper and J. Döllner

**A Visual Analysis and Design Tool for Planning Software Reengineering**

14:25 B. Broeksema and A. Telea

**Visual Support for Porting Large Code Bases**

14:50 J. Walny, J. Haber, M. Doerk, J. Sillito and S. Carpendale

**Follow that Sketch: Lifecycles of Diagrams and Sketches in Software Development**

15:15 Session discussion

15:30 *Coffee Break*

16:00 *Plenary discussion & Future Events*

17:00 *Wrap up & End*