

## FINAL PROGRAM

### **REV'09: Fourth International Workshop on Requirements Engineering Visualization Monday 31st August Atlanta, Georgia, USA**

- 09:00 – 09:15 Welcome to REV'09 and Program Overview -- Brian Berenbach and Olly Gotel
- 09:15 – 10:30 **Session 1: Applying Visualization to Address Niche Concerns in Requirements Engineering (Discussion Facilitator – Olly Gotel)**
- **David Callele**, Eric Neufeld and Kevin Schneider -- Visualizing Emotional Requirements (*Full Paper – 35 mins*)
    - *Discussant – Pete Sawyer*
  - **Krzysztof Wnuk**, Björn Regnell and Lena Karlsson -- Feature Transition Charts for Visualization of Cross-Project Scope Evolution in Large-Scale Requirements Engineering for Product Lines (*Full Paper – 35 mins*)
    - *Discussant – John Cooper*
- 10:30 – 11:00 Coffee/Tea Break
- 11:00 – 12:30 **Session 2: Using Visualization to Support the Elicitation and Validation of Requirements (Discussion Facilitator – Brian Berenbach)**
- **Leonid Kof** -- Requirements Analysis: Interactive Validation of Scenarios by means of Visualization (*Full Paper – 35 mins*)
    - *Discussant – Seok-Won Lee*
  - **Francisca Pérez** and Pedro Valderas -- Allowing End-users to Actively Participate within the Elicitation of Pervasive System Requirements through Immediate Visualization (*Full Paper – 35 mins*)
    - *Discussant – David Callele*
  - **Gregor Gabrysiak**, Holger Giese and Andreas Seibel -- Interactive Visualization for Elicitation and Validation of Requirements with Scenario-Based Prototyping (*Short – 20 mins*)
    - *Discussant - Krzysztof Wnuk*
- 12:30 – 14:00 Lunch

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14:00 – 15:30

### **Session 3: The Status and Future of Visualization Efforts in Requirements Engineering (Discussion Facilitator – Olly Gotel)**

- **John Cooper**, Seok-Won Lee, Robin Gandhi and Orlena Gotel -- Requirements Engineering Visualization: A Survey on the State-of-the-Art (*Full Paper – 35 mins*)
  - *Discussant – Pete Sawyer*

#### **\*\*\*REV'09 INVITED PRESENTATION\*\*\***

- **Daniel Moody** -- The Physics of Notations: Improving the Usability and Communicability of Visual Notations in Requirements Engineering (*Presentation with Q&A – 55 mins*)
  - *Commentators – Leonid Kof, Francisca Pérez, Gregor Gabrysiak*

The presentations in Session 3 will attempt to set the scene to examine some of the following questions:

- What has been the scope and coverage of visualization use in Requirements Engineering to date?
- Where do we see the need/potential for more attention to be focused?
- What kinds of visualization techniques have we seen applied to date?
- What additional techniques could lend promise?

15:30 – 16:00

Coffee/Tea Break

16:00 – 17:30

### **Session 4: Working Session (Discussion Facilitator – Brian Berenbach)**

Continuation of the above interactive session and another look at all the posters.

Session 4 will also attempt to examine 2 critical questions:

- How to move towards guidance to construct and evaluate visualizations in support of Requirements Engineering?
- How to move towards consensus on a useful Taxonomy of Visualization Techniques for the Requirements Engineer?

The plan is to revisit some notes made at REV'08 on these topics and to prepare a REV'09 summary position as a result.

- REV'09 Wrap-up