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)
  o 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)
  o 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)
  o 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)
  o Discussant – David Callele

• Gregor Gabrysia, Holger Giese and Andreas Seibel -- Interactive Visualization for Elicitation and Validation of Requirements with Scenario-Based Prototyping (Short – 20 mins)
  o Discussant - Krzysztof Wnuk

12:30 – 14:00 Lunch
Session 3: The Status and Future of Visualization Efforts in Requirements Engineering (Discussion Facilitator – Olly Gotel)

  - 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 Gabrysia

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

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