SEAMS 2007 Organizers

Hausi Müller, Betty Cheng
Rogério de Lemos, David Garlan
Steven Fickas, Marin Litoiu
Jeff Magee, Richard Taylor

SEAMS 2007 Program Committee

http://www.seams2007.cs.uvic.ca/

WELCOME to SEAMS 2007
Software Engineering for Adaptive and Self-Managing Systems

History

- FSE 2002, 2004 Workshops on Self-Healing (Self-Managed) Systems (WOSS)
- ICSE 2005 Workshop on Design and Evolution of Autonomic Application Software (DEAS 2005)

- ICSE 2002, 2003, 2004 and 2005 Workshops on Architecting Dependable Systems (WADS)

- **➔ Software Engineering for Adaptive and Self-Managing Systems (SEAMS 2006 and SEAMS 2007)**

- IEEE International Conference on Autonomic Computing (ICAC)
- IEEE International Conference on Dependable Systems and Networks (DSN)
- IEEE International Conference on Self-Organization and Autonomous Systems in Computing and Communications (SOAS)

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SEAMS 2007 Program

- Two keynotes
- 5 paper sessions with 30 mins discussion periods
- 2 Breakout sessions
  - Working lunch to identify open problems and challenges
  - Working lunch to discuss the future of SEAMS
  - Breakout session reports
- SEAMS Reception

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Reception 6:30 pm

- Restaurant Vincent
  1100 Nicollet Ave, Minneapolis
- 3 mins walk
- One city block from Hilton Hotel
- Fabulous buffet ☺

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Discussion

The more you put in the more you get out of it!

- ICSE workshops should have plenty of discussion
- Let's make it interactive and lively
- Get to know each other
- Form alliances for the future
- Newcomers, experts all actively participate
- Presenters should generate discussion
- Be controversial, project your wisdom

- Role of discussion leaders for 30 mins discussion sessions

- Quick introductions

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Keynote: Addressing Assurance for Dynamically Adaptive Systems
Betty H.C. Cheng, Michigan State University

- Professor, Department of Computer Science and Engineering, Michigan State University
- Research and teaching interests
  - requirements engineering, automated software engineering, embedded systems development, adaptive systems, visualization, and distributed computing, all in the context of high-assurance systems
- Achievements
  - 1993: NASA/JPL Faculty Fellowship to investigate the use of new software engineering techniques for a portion of the shuttle software
  - 1998: sabbatical working with the Motorola Software Labs investigating automated analysis techniques of specifications of telecommunication systems
  - Editorial boards for Requirements Engineering Journal, and Software and Systems Modeling, IEEE Transactions on Software Engineering.
  - Numerous program committees including ICSE, RE, UML/MoDELS

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