



ICSME is the newly evolved ICSM, the premier international venue in software maintenance and evolution, where participants from academia, government, and industry have met annually for the past 29 years to share ideas and experiences in solving challenging software maintenance and evolution problems. ICSME 2014 will be held in the beautiful garden city of Victoria, British Columbia, Canada. Victoria, the capital of British Columbia, is located on the southern tip of Vancouver Island off the Canadian Pacific coast



General Chair

- Hausi A. Müller, *University of Victoria, Canada*

Research Track Program Chairs

- Leon Moonen, *Simula Research Laboratory, Norway*
- Lori, Pollock, *University of Delaware, USA*

Industry Track Program Chairs

- Grace Lewis, *Carnegie Mellon SEI, USA*
- Marin Litoiu, *York University, Canada*
- Carl Worms, *Credit Suisse, Switzerland*

ERA Track Program Chairs

- Andy Zaidman, *TU Delft, The Netherlands*
- Denys Poshyvanyk, *College of William and Mary, USA*

Tool Demo Program Chairs

- Abram Hindle, *University of Alberta, Canada*
- Daniel German, *University of Victoria, Canada*

Doctoral Symposium Program Chairs

- James Cordy, *Queen's University, Canada*
- Margaret-Anne Storey, *University of Victoria, Canada*

Keynote Speakers

- **Arie van Deursen**, Professor
TU Delft, The Netherlands
- **Judith Bishop**, Director of Computer Science
Microsoft Research, USA
- **Gabriel (Gabby) Silberman**, Executive Director
Technology Strategy, Dell, USA

Important Dates

Research Track

- Abstract submission: April 29, 2014
- Full papers submission: May 6, 2014
- Notification: June 20, 2014
- Camera-ready: August 7, 2014
- ICSME Research paper presentations: Oct 1-3, 2014

Industry Track, ERA Track, Tool Demo Track and Doctoral Symposium

- Abstract submission: June 23, 2014
- Full papers submission: June 30, 2014
- Notification: July 31, 2014
- Camera-ready: August 7, 2014

Conference Dates

- SCAM: Sep 28-29, 2014
- MESOCA: Sep 29, 2014
- VISSOFT: Sep 29-30, 2014
- MTD: Sep 30, 2014
- MUD: Sep 30, 2014
- ICSME Doctoral Symposium: Sep 30, 2014
- ICSME Main Conference: Oct 1-3, 2014
- ICSME Technical Briefings: Oct 1-3, 2014
- ICSME Industry Track presentations: Oct 1-3, 2014
- ICSME ERA Track presentations: Oct 1-3, 2014
- ICSME Tool Demo presentations: Oct 1-3, 2014

Frontiers of Software Practice

Leading edge technology briefings by industry leaders

Topics include OpenStack, BlueMix, Virtual Reality, SWEBOK 3.0, Industrial Internet of Things.

Topics of interest

We are interested in submissions from both industry and academia on all topics related, but not limited to:

- Techniques and processes for software M & E
- Empirical studies in software M & E
- Tools for supporting software M & E
- Software maintenance and evolution in the Industrial Internet of Things (IIoT)
- Software M & E on mobile platforms
- Software M & E in the Cloud
- Software quality assessment and improvement
- Measurement and management of Technical Debt
- Evolution of systems-of-systems & software ecosystems
- Runtime evolution, dynamic reconfiguration and self adaptation
- Human aspects of software evolution
- Software and system reverse engineering and comprehension
- Software repository analysis and mining
- Software refactoring, restructuring, renovation, migration and reengineering
- Concept, feature and concern identification and location
- Code cloning and code provenance
- Evolution of non-code artifacts
- Evolution and reengineering of business models and processes
- Change and defect management
- Maintenance-related testing (e.g., regression testing)

