Call for Papers and Participation

Today, the engineering of software profoundly impacts world economics. For example, the desperate demands by all information technology sectors to adapt their information systems to the web has generated a tremendous need for methods, tools, processes and infrastructure to develop new and evolve existing applications efficiently and cost-effectively.

ICSE 2001, the premier conference for software engineering will present the latest inventions, achievements and experiences in software engineering research and practice. We invite you to participate in ICSE 2001 to help us build an exciting forum for exchanging ideas and experiences in this ever expanding and critical field of software engineering.

We invite submissions of various types on all aspects of software engineering: technical papers, case study reports, and education papers; collocated events; tutorial, workshop, and panel proposals; doctoral symposium applications; formal research demonstrations; posters and informal research demonstrations; and exhibits. We also accept corporate donations, and encourage students to apply as student volunteers.

Keynote Speakers
- Linda Northrop—Software Engineering Institute, USA
- John Swainson—IBM Corporation, USA
- Bernd Voigt—Lufthansa, Germany

Special Events
- David L. Parnas Symposium
- Perspectives on Software Engineering Panel
- Software Engineering Research Agendas Panel
- Invited Industry Presentations

Collocated Conferences
- International Workshop on Program Comprehension (IWPC)
- Engineering for Human-Computer Interaction (EHCI)
- Symposium on Software Reusability (SSR)

http://www.csr.uvic.ca/icse2001/
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Kevin J. Sullivan—University of Virginia, USA
Peri Tarr—IBM T.J. Watson Research Center, USA
Walter F. Tichy—University of Karlsruhe, Germany
Jim Wolsch—University of Queensland, Australia
Linda Willis—Georgia Institute of Technology, USA
Michael Young—University of Oregon, USA
Albert Zündorf—University of Paderborn, Germany

Case Studies
Jeff Kramer (co-chair)—Imperial College, UK; jk@doc.ic.ac.uk
Dennis Smith (co-chair)—Software Engineering Institute, USA; ddb@sei.cmu.edu
Gerardo Canfora—University of Sannio, Italy
Wolfgang Emmerich—University College London, UK
Alfonso Fuggetta—Politecnico di Milano, Italy
Kai Koskimies—Tampere University of Technology, Finland
Timothy C. Lothbridge—University of Ottawa, Canada
Adam Porter—University of Maryland at College Park, USA
Jim Verner—Drexel University, USA

Education Track
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Hossein Sadidian (co-chair)—University of Nebraska at Omaha, USA; hossein@unomaha.edu

Industrial Track
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Mikio Aoyama—Niigata Institute of Technology, Japan
Volker Grahn—University of Dortmund, Germany
Gene F. Hoffnung—IBM Corporation, USA
Jim Ning—Andersen Consulting, USA
Jacob Slonim—Dalhousie University, Canada

Perspectives on Software Engineering
David Notkin (chair)—University of Washington, USA; dnotkin@cs.washington.edu

Software Engineering Research Agendas
Dieter Rombach (chair)—Fraunhofer IESE, Germany; rombach@iese.fhg.de

David L. Parnas Symposium
Dan Hoffman (co-chair)—University of Victoria, Canada; dhoffman@csr.uvic.ca
David M. Weiss (co-chair)—Lucent Technologies, USA; weiss@bell-labs.com

Tutorials
Gail Kaiser (co-chair)—Columbia University, USA; gail@cs.columbia.edu
Paul Sorensen (co-chair)—University of Alberta, Canada; sorensen@cs.ualberta.ca
Alan Brown—Terling Software, USA
Paul C. Clements—Software Engineering Institute, USA
Gregor Engels—University of Paderborn, Germany
Oscar Nejsttra—University of Bern, Switzerland
Scott R. Tilley—University of California at Riverside, USA
Ursula Woltz—The College of New Jersey, USA

Workshops
Przem Deviana (co-chair)—University of California at Davis, USA; deviana@cs.ucdavis.edu
John Mylopoulos (co-chair)—University of Toronto, Canada; mylon@cs.toronto.edu
Harald Cali—Technical University of Vienna, Austria
David Garlan—Carnegie Mellon University, USA
Roland Mittelmeier—University of Klagenfurt, Austria
Frank Tip—IBM T.J. Watson Research Center, USA
Anneliese von Mayrhauer—Colorado State University, USA
Yelena Yesha—University of Maryland at Baltimore County, USA

Doctoral Symposium
Mary Lou Soffia (chair)—University of Pittsburgh, USA; soffia@cs.pitt.edu
Marsha Chechick—University of Toronto, Canada
Chris Marin—Hinders University, Australia
Aditya Mathur—Purdue University, USA
Jeff Offutt—George Mason University, USA
Mary Shaw—Carnegie Mellon University, USA
Margaret-Anne Storey—University of Victoria, Canada

Research Demonstrations and Posters
Rudolf K. Keller (chair)—University of Montréal, Canada; keller@info.umontreal.ca
Gerald Cannod—Arizona State University, USA
George T. Heineman—Worcester Polytechnic Institute, USA
Spencer Rugaber—Georgia Institute of Technology, USA
Elefni Stroulia—University of Alberta, Canada
Steve Woods—Qualcomm, USA

Exhibits and Tools Fair
Horny Dayani-Fard (chair)—IBM Toronto Laboratory, Canada; horny@ca.ibm.com
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Nicholas Graham—Queen’s University, Canada
Bruno Lagnai—Bell Canada, Canada
Spirios Mantoudis—Drexel University, USA
Melody Moore—Georgia Institute of Technology, USA
Ciancarlo Succo—University of Alberto, Canada
Chris Verhoef—University of Amsterdam, The Netherlands

Publicity
Bashar Nuseibeh (co-chair)—Imperial College, UK; barndoc.ic.ac.uk
Gabriel Silberman (co-chair)—IBM Toronto Laboratory, Canada; gabbys@ca.ibm.com
Victor R. Basili—University of Maryland, USA
Judith Bishop—University of Pretoria, South Africa
Elliot Chikofsky—META Group, USA
Aniello Cimitile—University of Naples, Italy
Peter Feiler—Software Engineering Institute, USA
Miguel Fidel—University of Buenos Aires, Argentina
Michel Lemoine—ONERA CERT, France
Nikolai Mansurov—Institut for System Programming, Russia
Walocillo Mello—Catholic University of Brasilia, Brazil
Ettore Merlo—Ecole Polytechnique de Montréal, Canada
Ali Mill—Institute for Software Research, USA
Vâclav Rajlich—Wayne State University, USA
Karl Reed—La Trobe University, Australia
Dieter Rombach—Fraunhofer IESE, Germany
Richard N. Taylor—University of California at Irvine, USA
Koji Torii—Nara Institute of Science and Technology, Japan
Will Trace—Lockheed Martin Federal Systems, USA

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Documents and Web Site
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Technical Papers
Technical papers should describe innovative and significant work in the research and practice of software engineering. The software engineering community consists of researchers and practitioners from many different disciplines and intellectual traditions. Technical papers report on a full range of topics relevant to this community, including software engineering principles, theories, techniques, tools, and empirical evaluations.


Case Study Reports
Case studies may be experience reports or exemplars. Experience reports give an account of a significant project accompanied by a critical review of the experience and a discussion of general lessons to be drawn from the experience. Exemplars describe the architecture of a system accompanied by a rationale for the key design decisions and should be organized so that the design can be used by other practitioners. Exemplars should exhibit significant examples of software architecture which can be used for study and insight.


Education Papers
Proper software engineering education and training can significantly improve the current state of software development and help eliminate some of the traditional problems associated with industrial practices. Pertinent themes include Ph.D. programs in software engineering, distance education and training in software engineering, and curriculum issues such as the SWEBOK project. Priority will be given to education papers that describe research and experiences in these themes.


Collocated and Special Events
Collocated events are related software engineering events occurring around the same week and location as ICSE. Special events are highlighted events that are integrated as part of the ICSE program.


Invited Industry Presentations
ICSE 2001 will feature an industrial track with invited industry presentations to discuss leading-edge software technology in practice.

http://www.csr.uvic.ca/icse2001/
Conference Hotel
The conference will be held entirely within the Westin Harbour Castle Hotel Complex and Conference Center. This beautiful hotel property is situated directly on the lakefront overlooking Lake Ontario. It is also located just a few blocks away from the heart of downtown Toronto, which abounds in restaurants, theaters, shopping, and other activities.

Westin Harbour Castle Hotel
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City of Toronto
Toronto is an exciting, vibrant, cosmopolitan city with a wonderful network of parks, recreational, and cultural facilities. Toronto is the home of four professional sports teams and the third largest English-speaking theatre district in the world, behind New York and London. One of the world’s most ethnically diverse cities, it is home to more than 80 ethnic communities from Africa, Asia, and Europe.

Toronto is Canada’s largest city, serving as Canada’s cultural, financial, and transportation hub.

Many international carriers provide direct flights to Toronto from major cities in North and South America, Europe, the Orient, and the Pacific Rim.

Toronto is home to the CN Tower, the world's tallest free standing structure; two-time World Champion Blue Jays baseball team; SkyDome, the world’s first retractable roof stadium; Ontario Place, which features the first permanent giant-screen IMAX theatre, a Canadian invention; and is near the Niagara region featuring Niagara Falls.

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