Advance Call for Participation

Today, the engineering of software profoundly impacts world economics. Prominent software failures and widespread changes, such as the Year 2000 problem and the European currency change, demonstrate how much the world economy depends on software. ICSE 2001, the premier conference for software engineering, will review what we have learned from these experiences and, in particular, how we can prepare for future, mass changes involving diverse software systems. For example, the software industry is implementing mass changes to use Internet technology to streamline the way businesses gather and distribute information. Furthermore, because the increased popularity of the Internet has brought electronic commerce to small businesses and individual consumers, the software industry is working to adapt both legacy and new applications to a network-centric environment. These changes involve exploiting Web-based user interfaces, component-based systems, and distributed cooperative information systems. Some of these changes, such as those that provide solutions to the Year 2000 problem, have fixed deadlines. However, minimizing time to market is critical for all businesses. These, and other events on the horizon that are equally vital to the survival of large and small businesses, make it imperative that the software engineering community develop infrastructures, methods, and tools to help effect mass software change.

ICSE offers a wide spectrum of tutorials, workshops, industrial experiences, and research results on software construction and evolution from legacy systems to object technology. 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: high-quality research papers, experience papers and practitioner reports; tutorial, workshop, and panel proposals; and exhibits, demonstrations, and posters.

Hausi A. Müller
General Chair

Mary Jean Harrold & Wilhelm Schäfer
Program Chairs

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http://www.csr.uvic.ca/icse2001/
### General Chair
Hausi A. Müller  
University of Victoria, Canada  
hausi@csr.uvic.ca

### Program Chairs
Mary Jean Harrold  
Georgia Institute of Technology, USA  
harrold@cc.gatech.edu  
Wilhelm Schäfer  
Universität Paderborn, Germany  
wilhelm@uni-paderborn.de

### Publicity Chairs
Bashar Nuseibeh  
Imperial College, UK  
ban@doc.ic.ac.uk  
Gabriel Silberman  
IBM Canada Ltd., Canada  
gabbys@ca.ibm.com

### Tutorials Chairs
Gail Kaiser  
Columbia University, USA  
kaiser@cs.columbia.edu  
Paul Sorenson  
University of Alberta, Canada  
sorenson@cs.ualberta.ca

### Workshops Chairs
Prem Devanbu  
University of California Davis, USA  
devanbu@cs.ucdavis.edu  
John Mylopoulos  
University of Toronto, Canada  
jm@cs.toronto.edu

### Case Studies Chairs
Jeff Kramer  
Imperial College, UK  
jk@doc.ic.ac.uk  
Dennis Smith  
Software Engineering Institute, USA  
dbs@sei.cmu.edu

### Industrial Track Chairs
Francois Coallier  
Bell Canada, Canada  
francois.coallier@bell.ca  
Linda Northrop  
Software Engineering Institute, USA  
lmn@sei.cmu.edu  
Dewayne Perry  
University of Texas at Austin, USA  
perry@ece.utexas.edu

### Doctoral Symposium Chair
Mary Lou Soffa  
University of Pittsburgh, USA  
soffa@cs.pitt.edu

### Exhibits & Tools Fair Chairs
Homy Dayani-Fard  
IBM Canada Ltd., Canada  
homy@ca.ibm.com  
Kostas Kontogiannis  
University of Waterloo, Canada  
kostas@swen.uwaterloo.ca

### Research Demos & Posters Chair
Rudolf Keller  
University of Montreal, Canada  
keller@iro.umontreal.ca

### Perspectives on Software Engineering Chair
David Notkin  
University of Washington, USA  
otkin@cs.washington.edu

### Local Arrangements & Treasurer
Stephen Perelgut  
IBM Canada Ltd., Canada  
perelgut@ca.ibm.com

### Web Site & Document Consultants
Anatol Kark  
NRC, Canada  
Anatol.Kark@iit.nrc.ca  
Kenny Wong  
University of Alberta, Canada  
kenw@cs.ualberta.ca

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