



2009 31<sup>st</sup> International Conference on  
Software Engineering

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Vancouver, Canada

Proceedings

## FOREWORD

Welcome to the 31<sup>st</sup> International Conference on Software Engineering in Vancouver, Canada. On behalf of the entire organizing committee, we are pleased to welcome you to ICSE, which returns to Canada for the first time since Toronto (2001).

ICSE, as the ACM/IEEE flagship conference in the field, offers a diverse program of research, education, and practice-oriented content that will engage Software Engineers from around the world. The three day core of the meeting is anchored by the research paper track. This year, the research paper track received 405 submissions. The papers underwent a rigorous two-phase peer review process, with at least two Program Committee members reviewing each paper. During a two day meeting held in Atlanta, Georgia, the Program Committee selected 50 papers (12.34% of total submissions). All members of the Program Committee attended the meeting. These papers represent world-wide research results in Software Engineering carried out in 14 different countries that cover 4 continents.

The other tracks at ICSE include (1) a new program on Software Engineering in Practice, with a mixture of papers and invited speakers, (2) a new track on New Ideas and Emerging Results, and (3) the Research Demos track. Each of these tracks had an independent organizing and program committee.

Surrounding the core program, ICSE 2009 offers a diverse collection of 23 workshops, 26 tutorials, and 6 co-located meetings. ICSE 2009 also hosts the first Student Contest in Software Engineering (SCORE). Student teams will compete in the finals during the conference, and winners will be announced on the last day of the conference.

Planning and overseeing the execution of a meeting of ICSE is an enormous undertaking. Making ICSE 2009 happen involved the combined labor of more than 350 volunteers contributing a tremendous amount of time and effort over a period of 4 years. The names of many of those volunteers are listed on the following pages. We offer our sincere thanks to all of the volunteers, and encourage you to take the opportunity to thank them if you meet them here in Vancouver. We would also like to thank all our sponsors who helped to make this event accessible to the Software Engineering community.

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**Paola Inverardi**  
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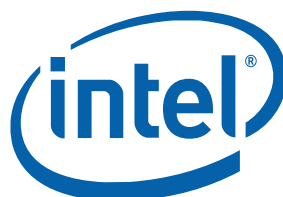
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