

19TH IEEE INTERNATIONAL CONFERENCE ON PROGRAM COMPREHENSION

ICPC 2011

JUNE 22-24, 2011

KINGSTON, ONTARIO, CANADA

[HTTP://ICPC2011.CS.USASK.CA](http://icpc2011.cs.usask.ca)

Deadlines

Technical Papers

Abstracts February 09, 2011
Full papers February 14, 2011
Notification March 10, 2011

Posters & Tool Demonstrations

Submissions February 21, 2011

Working Sessions

Proposals February 21, 2011

Industrial Comprehension Challenge

Submissions May 01, 2011
Notifications May 31, 2011

Student Research Symposium

Submissions February 21, 2011

We are soliciting technical papers (full and short), posters, and tool demonstrations on original research. Topics of interest include, but are not limited to, the following:

- Cognitive theories for program comprehension, including experiments and case studies
- Individual, team, collaborative, distributed, and adversarial program comprehension
- Comprehension of specific types of software systems, such as web-based systems, open source, mash-ups, legacy systems, product lines, and systems of systems
- Comprehension in the context of diverse software process models and specific lifecycle activities, such as: maintenance, reengineering, migration, security, auditing, and testing
- Novel interfaces to support program comprehension, including searching, browsing and visualization
- Empirical evaluations of program comprehension tools, techniques, and approaches
- Comprehension and legal issues, such as due diligence, intellectual property, reverse engineering, and litigation
- Issues and case studies in the transfer of program comprehension technology to industry
- Tool support for program comprehension
- Transfer of new technology into industrial practice

Submissions must not be previously published or currently under consideration for publication.

The best papers at ICPC2011 will be invited to submit extended, revised versions to the journal *Information and Software Technology*.

The CSER 2011 Spring Workshop will be co-located with ICPC on June 21, 2011.

Kingston

*A world heritage destination,
located on Lake Ontario,
midway between Toronto and
Montreal, Canada's two largest
cities.*

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