

Preliminary Call for Papers FTfJP 2009
11th Workshop on Formal Techniques for Java-like Programs
in conjunction with ECOOP 2009
July 6 2009 (Genova, Italy)
<http://people.cis.ksu.edu/~ab/FTfJP09/ftfjp09.html>

Scope Formal techniques can help analyze programs, precisely describe program behavior, and verify program properties. Newer languages such as Java and C# provide good platforms to bridge the gap between formal techniques and practical program development, because of their reasonably clear semantics and standardized libraries. Moreover, these languages are interesting targets for formal techniques, because the novel paradigm for program deployment introduced with Java, with its improved portability and mobility, opens up new possibilities for abuse and causes concern about security. Work on formal techniques and tools for programs and work on the formal underpinnings of programming languages themselves naturally complement each other. This workshop aims to bring together people working in both these fields, on topics such as specification techniques and interface specification languages, specification of software components and library packages, automated checking and verification of program properties, verification logics, language semantics, type systems and security.

Contributions Contributions are sought on open questions, new developments, or interesting new applications of formal techniques in the context of Java or similar languages, such as C#. Contributions should not merely present completely finished work, but also raise challenging open problems or propose speculative new approaches. We plan to have a special exciting ideas session during the workshop, where challenges, new ideas, open problems and speculative solutions will be presented, with extra room for discussion. Submissions must be in English and are limited to 10 pages in PDF using LNCS style (excluding bibliography). We also encourage the submission of short papers of 4 - 6 pages, especially for the special session. Submissions (in PDF) must be made by EasyChair at the URL on the workshop website. All contributions will be reviewed for originality, relevance, focus of the workshop, and the potential to generate interesting discussions.

Publication The proceedings of FTfJP 2009 will be published (for free) in the ACM Digital library. Informal proceedings will be made available to workshop participants. Depending on the quality of submissions received we intend to invite selected papers for a special journal issue as a follow-up to the workshop, as has been done for some previous FTfJP workshops.

Important Dates Abstract submission: **March 25, 2009**; Full paper submission: **April 1, 2009**; Notification: **May 8, 2009**; Final version: TBA; **July 6 2009**: Workshop

Program Committee Elvira Albert, Complutense University of Madrid, Spain; Anindya Banerjee, IMDEA Software, Spain (**chair**); Mike Barnett, Microsoft Research, Redmond, USA; John Boyland, University of Wisconsin–Milwaukee, USA; Patrice Chalin, Concordia University, Canada; Dino Distefano, Queen Mary University of London, UK; Adrian Fiech, Memorial University, Canada; Diego Garbervetsky, Universidad de Buenos Aires, Argentina; Rene Rydhof Hansen, Aalborg University, Denmark; Atsushi Igarashi, Kyoto University, Japan; Francesco Logozzo, Microsoft Research, Redmond, USA; Rosemary Monahan, National University of Ireland, Ireland; Corina Pasareanu, NASA Ames, USA; Alexander J. Summers, Imperial College, UK; Greta Yorsh, IBM TJ Watson Research Center, USA;

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