



PPPJ 2014

2014 INTERNATIONAL CONFERENCE ON PRINCIPLES AND PRACTICES OF PROGRAMMING ON THE JAVA PLATFORM: VIRTUAL MACHINES, LANGUAGES AND TOOLS



SEPTEMBER 23-26, 2014, CRACOW, POLAND

<http://www.pppj2014.uck.pk.edu.pl>



CALL FOR PAPERS

Java today is envisaged as a fundamental technology for future generation scalable intelligent systems. The modern Java-based Platforms cover a rich diversity of system components, languages, tools, frameworks, and techniques. It impacts and is impacted by all recent developments in the cloud, networks and mobile computing and related spaces.

PPPJ'14 - the 11th conference in the PPPJ series - provides a forum for researchers, practitioners, and educators to present and discuss novel results on all aspects of programming on the Java platform including virtual machines, languages, tools, methods, frameworks, libraries, case studies, and experience reports.

Conference Topics

Virtual machines for Java and Java-like language support:

- JVM and similar VMs
- VM design and optimization
- VMs for mobile and embedded devices
- Real-time VMs
- Isolation and resource control

Techniques and tools for the Java platform:

- Static and dynamic program analysis
- Testing
- Verification
- Security and information flow
- Workload characterization

Languages on the Java platform:

- JVM languages (Clojure, Groovy, Java, JRuby, Kotlin, Scala, ...)
- Domain-specific languages
- Language design and calculi
- Compilers
- Language interoperability
- Parallelism and concurrency
- Modular and aspect-oriented programming
- Model-driven development
- Frameworks and applications
- Teaching

Conference Publications

Conference Proceedings will be released by ACM and Indexed in ACM Digital Library. Authors of selected papers accepted and presented at the conference will be invited to submit their work with extended results in the special issues of the indexed international journals.

Important Dates

Papers Submission Deadline:	May 31, 2014, 11:59 PM EST June 7, 2014, 11:59 PM EST
Author Notification:	July 12, 2014
Final Manuscript:	July 26, 2014
Author Registration:	July 26, 2014
Conference Dates:	September 23-26, 2014

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