Programming on the Java Platform: Virtual machines, languages, and tools

September 9th -11th, 2015 in Melbourne, Florida

PPPJ’15 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.

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

Languages on the Java platform
- JVM languages (e.g., Groovy, Java, JRuby, 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

Techniques and tools for the Java platform
- Static and dynamic program analysis
- Testing
- Verification
- Security and information flow
- Workload characterization

Do not hesitate to contact the PC Chair <andi@complang.tuwien.ac.at> to clarify if a particular topic falls within the scope of PPPJ’15.

SUBMISSION GUIDELINES

The conference proceedings will be published as part of the ACM International Proceedings Series and will be disseminated through the ACM Digital Library.

Four types of paper submissions are accepted:
- Full research paper: up to 12 pages
- Short research paper: up to 6 pages
- Industry paper: up to 6 pages
- Tool paper: up to 6 pages

All papers must conform to the ACM SIGPLAN style ‘sigplanconf.cls’ with a font size of 9 point (option ‘9pt’).

Submission site:
https://easychair.org/conferences/?conf=pppj2015

IMPORTANT DATES

Paper submission: June 7, 2015, 11:59 PM EST
Author notification: July 13, 2015

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