

5 JAVAPDC • Workshop on Java for Parallel and Distributed Computing

Workshop Description:

This workshop focuses on Java for parallel and distributed computing and supportive environments. One of its aims is to bring together the IPDPS community around Java and Java based technologies, and to provide an opportunity to share experience and views of current trends and activity in the domain.

Topics of interest include but are not limited to:

- Java for parallel and distributed computing;
- Internet for parallel and distributed computing;
- Programming/communication/distribution libraries;
- Software tools and environments;
- Code transformations, compilers, optimizations, etc.;
- Real world distributed and parallel applications based on Java;
- Reflection;
- Meta-computing;
- Theoretical foundations and formal methods;
- Compiler technology and performance issues;
- Real-time applications;
- Multi-agent systems;
- Data mining and financial applications;
- Software portability, components, and reuse;
- Standards for object interoperability;
- Embedded Java and wireless devices, seamless distributed computing environment;
- Java for global computing, the Web and the Grid;
- Java extensions for distributed computing.

Program Co-chairs:

Denis Caromel, Université de Nice
Sophia Antipolis, France

Serge Chaumette, Université
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Geoffrey Fox, Community Grids
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