3rd International Conference on
Multicore Software Engineering, Performance, and Tools

MUSEPAT 2014

Hong Kong • November 16-17, 2014 • http://eventos.fct.unl.pt/musepat2014/

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CO-LOCATED WITH

FSE 2014

AIMS AND SCOPE

MUSEPAT is a forum for researchers and practitioners that face the challenges of multicore and distributed software. The scope of MUSEPAT includes research that addresses all aspects of the software development life cycle of multicore systems —specification, design, programming models and techniques, testing, analysis, and debugging. The conference welcomes original, previously unpublished technical (full/short) papers, industrial experience reports and tool papers.

TOPICS OF INTEREST

- Software engineering for multicore (CPU or GPU) and heterogeneous systems
- Specification, modeling and design of multicore systems
- Programming models, languages, compiler techniques and development tools for multicore
- Parallel and distributed testing and debugging (PADTAD) including noise-based testing, cloud testing
- Software maintenance and evolution of multicore systems
- Performance tuning and optimization of multicore
- Domain- and platform-specific multicore software issues in scientific computing, embedded and mobile systems

SUBMISSION AND PUBLICATION

Four kinds of papers can be submitted to the conference:

- *Full technical papers:* At most 12 pages describing mature multicore research.
- *Experience reports:* At most 12 pages addressing practical industrial or open source uses of multicore techniques and technologies in real-world environments.
- *Tool papers:* At most 5 pages describing a multicore software development tool. Authors of tool papers are expected to provide a demonstration of their tool at the conference.
- *Short technical Papers:* At most 5 pages describing in progress multicore research.

All papers are to be submitted in Springer LNCS format and accepted papers will be published in the conference proceedings. For further submission details please visit http://eventos.fct.unl.pt/musepat2014/.

IMPORTANT DATES

Abstract/paper submission:	Jun. 23/27, 2014
Notification of acceptance:	Aug. 27, 2014
Date of Conference:	Nov. 16-17, 2014