Topics in Parallel Processing

Material To Use

46th International Conference on Parallel Processing

Bristol, United Kingdom
August 14—17, 2017

INTERNATIONAL CONFERENCE ON PARALLEL PROCESSING

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Welcome

The 46th International Conference on Parallel Processing (ICPP-2017) will be held in Bristol, UK during August 14-17, 2017. (Please note that this is the **REAL** International Conference on Parallel Processing. In recent years, an "imposter" web site on parallel processing has been appearing with this year's "imposter" venue in Rome, Italy.)

Scope

Parallel and distributed computing is a central topic in science, engineering and society. ICPP, the International Conference on Parallel Processing, provides a forum for engineers and scientists in academia, industry and government to present their latest research findings in all aspects of parallel and distributed computing.

ICPP 2017 will be organized around the following tracks:

- **Architecture**, including processor; memory; I/O; network; instruction-, thread- and data-level parallelism; accelerators & other special-purpose hardware; power-aware/energy-efficient; performance
- **Algorithms**, including combinatorial and numerical; scheduling; power- aware/energy-efficient; machine learning; modeling & analysis; scalability
- **Applications**, including big data; data analytics; computational science & engineering (e.g., aerospace, arts; biology, finance, geology); scalability
- **Software**, including systems software; middleware; programming models, languages, and environments; compilers; operating systems; run-time systems; resource management; performance modeling and evaluation

Important Dates

Submission deadline: ~~27 February 2017~~ 15 March 2017 (11:59:59 PM AoE)

International Conference on Parallel Processing

network; instruction-, thread- and data-level

- **Architecture**, including processor; memory; I/O;

parallelism; accelerators & other special-purpose

- **Algorithms**, including combinatorial and numerical;

hardware; power-aware/energy-efficient; performance

- **Applications**, including big data; data analytics;

scheduling; power- aware/energy-efficient; machine

learning; modeling & analysis; scalability

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