CALL FOR PAPERS/POSTERS

The 9th International Conference on Partitioned Global Address Space Programming Models (PGAS 2015)
http://pgas.org/conference
September 16-18, 2015
George Washington University
Washington DC, USA

Partitioned Global Address Space (PGAS) programming models offer a shared address space model that simplifies programming while exposing data thread locality to enhance performance. This facilitates the development of programming models that can deliver both productivity and performance. The PGAS conference is the premier forum to present and discuss ideas and research developments in the area of: PGAS models, languages, compilers, runtimes, applications and tools, PGAS architectures and hardware features. Topics of interest include, but are not limited to:

• Applications. New applications that are uniquely enabled by the PGAS model, existing applications and effective application development practices for PGAS codes.
• Performance. Analysis of application performance over various programming models.
• Developments in Programming Models and Languages. PGAS models, language extensions, and hybrid models to address emerging architectures, such as multicore, hybrid, heterogeneous, SIMD and reconfigurable architectures.
• Tools, Compilers, and Implementations. Integrated Development Environments, performance analysis tools, and debuggers. Compiler optimizations for PGAS languages, low level libraries, memory consistency models. Hardware support for PGAS languages, performance studies and insights, productivity studies, and language interoperability.
• Architectures. System Architectures, Networks, and Memory Architectures designed to enhance and enable PGAS programming models.
The PGAS Programming Models Conference is dedicated to the presentation and discussion of research work in this field. Papers should report on original research, and should include enough background material to make them accessible to the entire PGAS research community. Papers describing experiences should indicate how they illustrate general principles; papers about parallel programming foundations should indicate how they relate to practice.

**Submissions**

We are using EasyChair to manage submissions. The link to submit papers is: https://easychair.org/conferences/?conf=pgas2015.

Submissions are accepted under the following three categories:

1. Full Paper: Should not exceed 10 pages using ACM format with 10pt font. Each submission must be a single PDF file.


**Important Dates**

- Submission due: July 29th (Extended)
- Authors Notification: August 17th
- Camera-ready papers due: August 24th

**Conference Chairs**

- Tarek El-Ghazawi, George Washington University, General Chair
- Dhabaleswar K. (DK) Panda, The Ohio State University, Program Chair
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- Tarek El-Ghazawi, The George Washington University
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