



## CALL FOR POSTERS

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The 8th International Conference on Partitioned  
Global Address Space Programming Models (PGAS 2014)

<http://nic.uoregon.edu/pgas14>

October 7-10, 2014  
University of Oregon and Hilton Eugene  
Eugene, Oregon, USA

Held in cooperation with ACM SIGHPC

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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 optimisations for PGAS languages, low level libraries, memory consistency architectures, such as multicore, hybrid, heterogeneous, SIMD and reconfigurable architectures.
- Tools, Compilers, and Implementations. Integrated Development PGAS Environments, performance analysis tools, and debuggers. Compiler models. Hardware support for PGAS languages, performance studies and insights, productivity studies, and language interoperability.



The PGAS Programming Models Conference is dedicated to the presentation and discussion of research work in this field. Posters 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; posters about parallel programming foundations should indicate how they relate to practice.

#### Deadlines

- Poster abstract submissions due date extended to: September 17, 2014
- Notification to authors of acceptance: September 19, 2014
- Event takes place: October 7-10, 2014

#### Submissions

- Send the title and an abstract to [jeff\\_hammond@acm.org](mailto:jeff_hammond@acm.org) for consideration.
- Standard poster size: 36"x48" (either direction), to be easel-mounted.