PASC16

Platform for Advanced Scientific Computing Conference

Lausanne Switzerland | 08–10 June 2016

Association for Computing Machinery

sighpc

Call for Papers

The Platform for Advanced Scientific Computing (PASC) is inviting submissions for the Papers Session of its next conference (PASC16) to be held from June 8 to 10, 2016 at the SwissTech Convention Center, located on the campus of the EPFL in Lausanne, Switzerland.

The PASC Conference is a leading event for researchers in computational science and high-performance computing. PASC16 builds on a successful history with 350 international attendees in 2015. PASC's structure enables efficient communication between various areas arranged in eight domain-specific tracks. The PASC papers program is soliciting high-quality contributions in all of these areas. Papers will be presented during the PASC16 Conference and published in the ACM Digital Library.

Areas of interest include (but are not limited to):

- Implementation strategies for computational science applications
- Programming languages and models for science domains
- Tools for application development
- Domain-specific libraries or frameworks
- Use of heterogeneous or advanced computing for scientific applications

To ensure the highest quality contributions, the ACM publication process includes multiple stages of review. Following the first round of reviews, authors whose submissions are conditionally accepted will have the opportunity to revise their manuscripts based on feedback prior to a second round of reviews. To ensure a timely dissemination of research results, contributors are required to work according to the following schedule:

- Abstract submission: **January 15, 2016**
- Full paper submission: **January 22, 2016**
- First review notification: **February 26, 2016**
- Revised submission: **March 11, 2016**
- Final review notification: **April 7, 2016**

Organization

- Conference co-chairs: **Jan Hesthaven** (EPF Lausanne, Switzerland), **Nicola Marzari** (EPF Lausanne, Switzerland), **Olaf Schenk** (Università della Svizzera italiana, Switzerland) and **Laurent Villard** (EPF Lausanne, Switzerland)
- Papers co-chairs: **Torsten Hoefler** (ETH Zurich, Switzerland) and **David Keyes** (King Abdullah University of Science and Technology, Saudi Arabia)

Editorial Board of the Scientific Tracks

The review process is organized in tracks. The editor of each track selects appropriate reviewers who are experts in the relevant area.

- **Climate & Weather**: Michael Wehner (Lawrence Berkeley National Laboratory & University of California, USA)
- **Computer Science & Mathematics**: David Keyes (King Abdullah University of Science and Technology, Saudi Arabia)
- **Emerging Domains**: Omar Ghattas (The University of Texas, USA)
- **Engineering**: George Biros (The University of Texas, USA)
- **Life Sciences**: Ioannis Xenarios (Swiss Institute of Bioinformatics, Switzerland)
- **Materials**: Mark van Schilfgaarde (King's College London, UK)
- **Physics**: George Lake (University of Zurich, Switzerland)
- **Solid Earth**: Jeroen Tromp (Princeton University, USA)

Submissions will be reviewed double blind (authors should not be listed and a reasonable effort should be made to anonymize the paper, e.g., referring in third person to own previous works).

Papers should be in the ACM proceedings format and should be no more than 10 pages in length (www.acm.org/publications/article-templates/proceedings-template.html).

Contributions are to be submitted online at www.pasc16.org. The submission system will open at the end of November 2015.

www.pasc16.org