

Inaugural HPC Systems Professionals Workshop

HPCSYSPROS16

Submission Deadline - August 19th, 2016

Submissions: <https://easychair.org/conferences/?conf=hpcsyspros16>

Workshop Website: <http://hpcsyspros.lsu.edu/>

Contact: hpcsyspros@hpcsyspros.lsu.edu

Supercomputing systems present complex challenges to personnel who design, deploy and maintain these systems. Standing up these systems and keeping them running require novel solutions that are unique to high performance computing. The success of any supercomputing center depends on stable and reliable systems, and HPC Systems Professionals are crucial to that success.

The Inaugural HPC Systems Professionals Workshop will bring together systems administrators, systems architects, and systems analysts in order to share best practices, discuss cutting-edge technologies, and advance the state-of-the-practice for HPC systems. Submissions are encouraged that discuss all aspects of HPC systems design, implementation, maintenance, and security.

Topics of Interest

Topics of interest include, but are not limited to:

- * Cluster, configuration, or software management
- * Performance tuning/Benchmarking
- * Resource manager and job scheduler configuration
- * Monitoring/Mean-time-to-failure/ROI/Resource utilization
- * Virtualization/Clouds
- * Designing and troubleshooting HPC interconnects
- * Designing and maintaining HPC storage solutions
- * Cybersecurity and data protection

Authors are invited to submit original, high-quality papers with an emphasis on solutions that can be implemented by other members of the HPC systems community. Papers should be submitted in PDF format and should not exceed 5 pages including tables, figures and appendices, but excluding references. All submissions should be formatted according to the ACM SIG Proceedings template which can be found at <https://www.acm.org/publications/proceedings-template>. Similar to the SC16 policy, margins and font sizes should not be modified. All submissions should be submitted electronically through EasyChair.

Proceedings will be published in ScholarWorks hosted by Indiana University, and authors will retain full rights to their work.

Important Dates

Submission Deadline - August 19th

Acceptance Notifications - September 8th

Camera Ready Papers - October 7th

Inaugural HPC Systems Professionals Workshop - November 14th