

## HPC Systems Professionals Workshop - HPCSYSPROS17

Held in conjunction with SC17: The International Conference on High Performance Computing, Networking, Storage and Analysis.

Submission Deadline - August 11th, 2017 - EXTENDED

Submissions: <https://easychair.org/conferences/?conf=hpcsyspros2017>

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

Contact: [hpcsyspros@hpcsyspros.lsu.edu](mailto: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 Second Annual 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

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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 be between 6 and 8 pages including tables, figures and appendices, but excluding references. Lightning Talks should be submitted as a 1-2 paragraph abstract. All submissions should be formatted according to the SC Proceedings template. Similar to the SC17 policy, margins and font sizes should not be modified. All submissions should be submitted electronically through EasyChair.

Proceedings will be published in both IEEE Explore and the ACM Digital library through collaboration with ACM SIGHPC.

### Important Dates

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Submission Deadline - August 4th

Acceptance Notifications - September 22nd

Lightning Talk Deadline - September 29th

Camera Ready Papers - October 6th

Lightning Talk Notifications - October 20th

HPC Systems Professionals Workshop - Week  
of November 13th