Workshop Description:

The performance modeling, evaluation, and optimization of parallel, distributed, and grid systems have been an important research topic over the past years and poses challenging problems that require new tools and methods to keep up with the rapid evolution and increasing complexity of such systems.

This workshop will bring together scientists, engineers, practitioners, and computer users to share and exchange their experiences, discuss challenges, and report state-of-the-art and in-progress research on all aspects of performance modeling, evaluation, and optimization of parallel, distributed, and grid systems.

Topics of interest include but are not limited to:

- Predictive performance models of parallel and distributed systems
- Performance measurement and monitoring tools
- Tracing and trace analysis
- Simulation
- Analytical modeling
- Software tools for system performance and evaluation
- Automatic performance analysis
- Performance comparison
- Performance of memory and I/O interconnect
- Performance of communication networks
- Performance of mobile distributed systems
- Performance analysis and evaluation of parallel and distributed applications
- Improvement in system performance through optimization and tuning
- Case studies showing the role of evaluation in the design of systems

Workshop Co-Chairs:

- Geyong Min, University of Bradford, UK
- Mohamed Ould-Khaoua, University of Glasgow, UK

Publicity Co-Chairs:

- Helen Karatza, Aristotle University of Thessaloniki, Greece
- Mirela Sechi Moretti Annoni Notare, Barddal University, Brazil

Program Committee:

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- Hamid Sarbazi-Azad, Sharif University & IPM, IRAN
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- Cheng-Zhong Xu, Wayne State University, USA
- Qing Yang, Univ. of Rhode Island, USA
- Xiaodong Zhang, College of William and Mary, USA
- Xiaobo Zhou, University of Colorado at Colorado Springs, US
- Albert Zomaya, University of Sydney, Australia