

P2P-HPCS 2006

2006 International Workshop on

P2P for High Performance Computational Sciences

May 28-31, 2006

Reading, UK



PC Members

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Laurence T. Yang (St. Francis Xavier University, Canada)

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CALL FOR PAPERS

To deploy high performance computing infrastructures based on P2P is a promising topic for researchers on Computational Sciences. But there are still some unsolved problems, which set a great barrier for further research, such as the overlay organization schemes, tasks assignment scheme, incentive mechanisms, applications design and other interesting issues. The proposed workshop will focus on the above topics to accelerate the development of Computational Sciences. P2P-HPCS'06 will emphasize the theory, method, and design of high performance computing based on P2P as well as applications in Computational Sciences. Researchers and practitioners will get together to present up-to-date achievement in this international forum.

Topics

This workshop solicits high-quality papers to discuss original research results in various areas of computational sciences using p2p technologies. Topics of interest include: (but are not limited to):

- Network Protocols and Routing Algorithms
- Modeling and Simulation
- Load Balancing and Scheduling
- Resource and Service Discovery
- Economic and Incentive Computing
- Computational Science Applications

Important Dates

Full paper submission: January 1, 2006
Notification of acceptance: January 31, 2006
Camera-ready papers: February 10, 2006
Workshop: May 28-31, 2006

Submission Guidelines

The submitted paper must be camera-ready and formatted according to the rules of LNCS (for formatting information see Information for LNCS Authors). Submission implies the willingness of at least one of the authors to register and present the paper at the workshop. Please, note that papers must not exceed **eight pages** in length, when typeset using the LNCS format. A paper without figures can be around **4500 words** maximally.

Please submit your paper from the following website: <http://www.iccs-meeting.org/iccs2006/papers/upload.php>. While submitting please **don't forget** to choose the workshop (last field): "2006 International Workshop on P2P for High Performance Computational Sciences (P2P-HPCS'06)", right after the [Main Track]; and **send us a note to xfliao@hust.edu.cn**. All papers will be peer reviewed. Accepted papers will be published by Springer-Verlag in the conference proceedings in Lecture Notes in Computer Science series. The proceedings will be available at the conference.

Conference Website

[Http://grid.hust.edu.cn/p2p-hpcs06](http://grid.hust.edu.cn/p2p-hpcs06)

For information on conference venue and accommodation, registration and fee, etc. please refer to the conference site: <http://www.iccs-meeting.org/iccs2006/> directly. For information about the workshop, please contact us with xfliao@hust.edu.cn.

Workshop Chairs

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