

**Important Dates** (*Tentative, subject to change*)**Paper Submissions Due**

March 9, 2015

**Results notification**

May 20, 2015

**Camera-ready version due**

June 10, 2015

**Poster submissions due**

June 1, 2015

**Poster Notification**

June 20, 2015

**NPC'2015 Conference in New York**

Sept 17-19, 2015

**GENERAL CO-CHAIRS**

Erik Altman, IBM, USA

Hai Jin, Huazhong Univ. of Science &amp; Technology, China

**PROGRAM CO-CHAIRS**

Viji Srinivasan, IBM TJ. Watson Research Ctr, USA

Yunquan Zhang, Chinese Academy of Sciences

**PUBLICATIONS CHAIR**

Abdullah Muzahid, Univ of Texas, San Antonio, USA

**LOCAL ARRANGEMENTS CO-CHAIRS**

Martha Kim, Columbia University, USA

Zehra Sura, IBM, USA

**PUBLICITY CHAIRS**

Wonsun Ahn, Univ Pittsburgh (Americas)

Wenguang Chen, Tsinghua Univ (Asia)

Christoph Kessler, Linköping Univ (Europe)

**REGISTRATION CHAIR**

Ioana Baldini, IBM, USA

**WEB CHAIR**

Charlie Curtsinger, UMass-Amherst, USA

**PROGRAM COMMITTEE**Zhen Fang, AMD – *In Memoriam*

Pavan Balaji, Argonne National Laboratory

Mehmet Balman, Lawrence Berkeley National Laboratory

Surendra Byna, Lawrence Berkeley National Laboratory

Massimo Cafaro, University of Salento, Italy

Jun Chen, IAPACM, China

Wenguang Chen, Tsinghua University

Yifeng Cui, Univ of California – San Diego

Parijat Dubey, IBM

Xiaobing Feng, ICT, CAS

Junli Gu, AMD

Haiwu He, CNNIC, China

Shadi Ibrahim, INRIA

Dejun Jiang, Chinese Academy of Sciences

David Kaell, Northeastern University

Sriram Krishnamoorthy, Pacific Northwest National Lab

Laurent Lefevre, INRIA, France

Jian Li, Huawei

Kenli Li, Hunan University, China

Zhiyuan Li, Purdue University

Xiaofei Liao, HUST, China

Kai Lu, NUDT, China

Xiaoyi Lu, Ohio State University

Yutong Lu, NUDT, China

Yingwei Luo, Peking University

Lin Ma, Huawei, USA

Xiaosong Ma, North Carolina State University

Kaoutar El Maghraoui, IBM

Vanneschi Marco, University of Pisa

Serge Petitot, Université des Sciences et Tech de Lille

Apan Qasem, Texas State University

Guangzhi Qu, Oakland University

Xuanhua Shi, HUST, China

Gaurav Singh, CSIRO, Australia

Peter Sweeney, IBM

Clark Verbrugge, McGill University

Long Wang, SCCAS, China

Ren Wu, AMD

Limin Xiao, Beihang University, China

Shengen Yan, Baidu, IDL

Liang Yuan, ICT, CAS

Linbo Zhang, LSEC, CAS

Xianyi Zhang, IOS, CAS

Huiyang Zhou, North Carolina State University

欢迎来到NPC

**CALL FOR PAPERS****The 12th IFIP International Conference on  
Network and Parallel Computing – NPC 2015**(SCI / EI indexed proceedings – *in progress*)<http://npc15.cs.umass.edu>

September 17-19, 2015

New York, New York

NPC'2015 provides a forum for bold and innovative ideas. Big Data, Internet of Things, Smartphones, Youtube, Globally Distributed Databases, Social Networks and more are driving network and parallel computing in new directions. Security and privacy have new importance after break-ins at major retailers and banks, Stuxnet, and the revelations of Edward Snowden. What are the implications for network and parallel computing?

NPC especially seeks early stage work with the potential for major changes in network and parallel computing. Although quantitative assessment is valuable, and NPC welcomes such papers, NPC places yet more value on bold ideas, even if all of the details and corner cases are not yet resolved, or the ideas fully implemented.

NPC 2015 welcomes original submissions in a range of areas, including but not limited to:

- In-Memory computing
- Applications of parallel and distributed computing.
- Systems, networks, and architectures for high end computing.
- Parallel and multi-core issues and opportunities.
- Big data intelligence.
- Virtualization of machines, networks, and storage.
- Programming languages and environments.
- I/O, file systems, and data management.
- Resource management, scheduling, and load-balancing.
- Performance modeling, simulation, and prediction.
- Fault tolerance, reliability and availability.

NPC is in its 12th year and previous conferences have attracted high quality papers and wide international participation.

As in previous years, we will publish top papers from NPC 2015 in a special issue of the International Journal of Parallel Programming (SCI indexed). Additional details are on the NPC'2015 website above.

**ADVISORY COMMITTEE**

Ruay-Shiung Chang, Taiwan Hospitality &amp; Tourism Univ

Ce-Kuen Shieh, National Cheng Kung University, Taiwan

Timothy K. Shih, National Central University, Taiwan

Pen-Chung Yew, University of Minnesota, USA

**STEERING COMMITTEE**

Kemal Ebcioğlu, Global Supercomputing, USA (Chair)

Hai Jin, Huazhong Univ. of Science &amp; Technology, China

Chen Ding, University of Rochester, USA

Jack Dongarra, Univ of Tennessee, USA

Guangrong Gao, Univ of Delaware, USA

Daniel Reed, University of Iowa, USA

Zhiwei Xu, Institute of Computing Technology, China

Yoichi Muraoka, Waseda University, Japan

Jean-Luc Gaudiot, University of California Irvine, USA

Guojie Li, The Institute of Computing Technology, China

Viktor Prasanna, University of Southern California, USA

Weisong Shi, Wayne State University, USA

Tony Hey, Microsoft, USA



In cooperation

