General Chair
Kinji Mori, Tokyo Institute of Technology, Japan

Vice Chair
Yoshiaki Kakuda, Hiroshima City University, Japan

Program Chair
Miroslaw Malek, Humboldt-Universitat zu Berlin, Germany

Vice Program Chairs
Isao Kaji, Miyagi University, Japan
Roberto Baldoni, University of Roma, Italy
Chin-Tser Huang, University of South Carolina, USA

Program Committee
Hafiz Farooq Ahmad, University of Islamabad, Pakistan
Masaki Aida, Tokyo Metropolitan University, Japan
Takeiki Aizono, Hitachi, Japan
Kai-Yuan Cai, Beijing University, China
Songqing Chen, George Mason University, USA
Yinong Chen, Arizona State University, USA
Mario Dal Cin, Univ. of Erlangen-Nurnberg, Germany
Jorge Cobb, University of Texas at Dallas, USA
Pascal Felber, Université de Neuchâtel, Switzerland
Junichi Funasaka, Hiroshima City University, Japan
Mohamed Gouda, The University of Texas at Austin, USA
Kenji Ishida, Hiroshima City University, Japan
Joerg Kaiser, University of Magdeburg, Germany
Marc-Olivier Killijian, LAAS, France
Sandeep Kulkarni, Michigan State University, USA
Xiaodong Lu, Tokyo Institute of Technology, Japan
Michael R. Lyu, Chinese University of Hong Kong
Masayuki Matsumoto, JR East, Japan
Neeraj Mittal, University of Texas at Dallas, USA
Yohtaro Miyanishi, Miyagi University, Japan
Hidenori Nakazato, Waseda University, Japan
Mikhail Nesterenko, Kent State University, USA
Edgar Nett, University of Magdeburg, Germany
Fabio Panzieri, University of Bologna, Italy
Sara Tucci Piergiovanni, University of Rome "La Sapienza", Italy
Santosh Srivastava, Newcasle University, UK
Hiroki Suguri, Comtec, Japan
Yongdong Tan, Southwest Jiaotong University, China
David Yau, Purdue University, USA

Call for Papers

The Fifth International Workshop on Assurance in Distributed Systems and Networks (ADSN2006)

Lisboa, Portugal
July 2006

Sponsored by the IEEE Computer Society Technical Committee on Distributed Processing in cooperation with IEICE Technical Committee on Information Networks and IEICE Technical Committee on Dependable Computing

This workshop will be held in conjunction with the 26th International Conference on Distributed Computing Systems (ICDCS 2006) (see for detail http://icdcs2006.di.fc.ul.pt/index.html).

The objective of the Workshop is to provide an effective forum for original scientific and engineering advances in Assurance in Distributed Systems and Networks. Along with recent rapid growth of the Internet and ubiquitous networks, autonomous decentralized systems are connected with each other. In these distributed systems and networks, heterogeneous requirements are independently generated and the requirements themselves are frequently changing. Assurance in these distributed systems and networks is defined as capability of guaranteeing functional and nonfunctional system properties such as dependability, security, timeliness and adaptivity to heterogeneous and changing requirements. The workshop theme is critical in meeting ever more demanding requirements for assurance in systems and networks, especially in the future Internet and ubiquitous networks. Technologies supporting assurance including integration of various technologies such as real time, fault tolerance, autonomy, mobility and intelligence will have to be incorporated in complex distributed systems and networks.

Topics of interest for this workshop include, but are not limited to:
- Heterogeneous coexistence techniques.
- Techniques for achieving high dependability in complex systems.
- System life-cycle, specification, design, implementation, verification, and validation techniques of assurance.
- System management techniques for assurance.
- Real-time technology for assurance systems.
- Software and hardware technologies (E-commerce, Intelligent transport system, Train control, Space computer) for assurance.
- Self-stabilization and sensor networks.
- Agents technologies for assurance.
- Security issues for information warfare.
- Network control (QoS, CoS, etc) technologies for assurance.
- Web service-based computing systems.

Papers and Submissions

Papers must be written in English, and they have to be Postscript, PDF, or Word format. The complete manuscript should be no more than 6 pages following IEEE conference proceedings style and guidelines. The following information must be provided on a cover sheet:
(1) paper title, full name, affiliation of the author(s)
(2) full name, affiliation, complete address, phone and fax numbers and email address of the author to be contacted, as well as
(3) an abstract (up to a 150 words).

Submit your paper electronically under http://confman.informatik.hu-berlin.de/. If you have any questions about whether work fits in the scope of the workshop, please contact Program Chair or Vice Program Chair.

Authors are expected to present their paper at the workshop. At least one author of each paper must register for ICDCS to be included in the workshop program.

Important Dates

Deadline for submission: February 1, 2006 (extended)
Acceptance notification: March 15
Deadline for camera ready papers: March 31