

Workshop Title:

1st International Workshop on Architecture, Design, Deployment and Management of Networks and Applications (ADMNET)

Workshop Organizers:

Joanna KOŁODZIEJ, Professor,

Institute of Computer Science, Cracow University of Technology, Poland

E-mail: jkolodziej@uck.pk.edu.pl

Kouji NISHIMURA, Professor,

Information Media Center, Hiroshima University, Japan

E-mail: kouji@hiroshima-u.ac.jp

Mario KÖPPEN, Professor,

Network Design Research Center, Kyushu Institute of Technology, Japan

E-mail: mario@ndrc.kyutech.ac.jp

Goal of the Workshop:

The aims of this workshop are to discuss and advance the state-of-the-art, research and development in the area of architecture, design, deployment and management of networks and Internet-based applications. This workshop is also a forum for designers, developers and administrators of the networks and applications. Technology, knowledge and technique are important key elements to solve the issues, and requirements make new technologies. It is intended to bring together researchers from different communities with similar needs, and to provide a base for scientific exchanges of research ideas.

Theme of the Workshop:

The widespread of the Internet has given further opportunities for providing new network services and Web-based applications. However, such services and applications are often accomplished by high complexities and the need for advanced heuristic techniques has become prevalent. On the other hand, the networks of company, campus and community have become an important infrastructure for business, education, research and social activity. These networks have to be robust, reliable, fast, convenient and safe.

Developers and administrators of applications and networks are struggling to design and operate system with their heuristic techniques in order to keep and improve the quality and performance. Computer ethics and its education may be an important factor not only to protect security and privacy but to improve the efficiency of system and reduce operating costs. These efforts and issues should be shared and solved among researchers from different communities with similar needs.

Scope of the Workshop (Call-for-Papers):

Any submission whose content is relevant to the area of networks and applications will be considered, but any submission whose subject matter is related to one of the following topics will be particularly welcome:

- Network Architecture and Design
- QoS, Scalability Solutions

- Fairness, Optimality, and other aspects of Network Resource Sharing
- Network Deployment, Management and Operation
- Network Security (VPN, Authentication, Certification, ISMS, etc.)
- Network Applications (WWW, E-mail, etc.) and their Operation
- Meta-Heuristics and Soft Computing Approaches for Networking Technologies
- Network Metrics, Network Growth and Percolation Models
- Modeling of Users and Network-Based Services,
- Digital Convergence
- ITIL, User Policy and Service Level Agreements
- Computer Ethics and Education

Program Committee: (approval pending)

Chin-Shiuh Shieh, National Kaohsiung University of Applied Sciences, Taiwan

Daisuke Matsubara, Hitachi, Japan

Dana Petcu, West University of Timisoara, Romania

Fatos Xhafa, Universitat Politècnica de Catalunya, Barcelona, Spain

Günther Raidl, Vienna University of Technology, Austria

Hiroyoshi Miwa, Kwansai Gakuin University, Japan

Kaori Maeda, Hiroshima City University, Japan

Katsuyoshi Iida, Tokyo Institute of Technology, Japan

Kaz Yatsushiro, Yamanashi Prefectural University, Japan

Kazuyuki Yoshida, Oita University, Japan

Kei Ohnishi, Kyushu Institute of Technology, Japan

Komwut Wipusitwarakun, Thammasat University, Thailand

Marko Jantti, University of Eastern Finland, Finland

Martin J. Dürst, Aoyama Gakuin University, Japan

Masato Tsuru, Kyushu Institute of Technology, Japan

Motonori Nakamura, National Institute of Informatics, Japan

Nariyoshi Yamai, Okayama University, Japan

Neng-Fa Zhou, Brooklyn College the City University of New York, USA

Petrica Pop, North University of Baia Mare, Romania

Shigehiro Ano, KDDI Labs, Japan

Takashi Yamanoue, Kagoshima University, Japan

Yasuo Musashi, Kumamoto University, Japan

Yutaka Nakamura, Kyushu Institute of Technology, Japan

Prospective invited speakers: (approval pending)

- Naoto MATSUMOTO, Senior Researcher,
SAKURA Research Center, SAKURA Internet Inc.
- Sung-Bae CHO, Professor,
Department of Computer Science, Yonsei University, Korea

Expected number of workshop sessions:

5 sessions

Information on the previously organized Workshops:

HEUNET 2012 (10 submissions, 7 accepted, 70% acceptance ratio, 30 attendees)
C3NET 2012 (18 submissions, 10 accepted, 56% acceptance ratio, 40 attendees)
HEUNET 2011 (8 submissions, 5 accepted, 62% acceptance ratio, 30 attendees)
C3NET 2011 (9 submissions, 6 accepted, 67% acceptance ratio, 20 attendees)
C3NET 2010 (15 submissions, 7 accepted, 47% acceptance ratio, 20 attendees)
HEUNET 2008 (17 submissions, 11 accepted, 64% acceptance ratio, 30 attendees)

Important Dates:

- Deadline for paper submission: March 20th, 2013
- Notification of acceptance: April 21th, 2013
- Camera-ready copy and registration due: May 5th, 2013

Submission:

Papers must be submitted electronically via the ADMNET 2013 Submission Page (<http://myreview.cs.iastate.edu/ADMNET2013>). The format of submitted papers should follow the guidelines for the IEEE conference proceedings. All papers will be carefully reviewed by at least three reviewers. Papers should be no more than 6 pages. Accepted papers will be published in the workshop proceedings of COMPSAC 2013, by the IEEE Computer Society Press. At least one of the authors of each accepted paper must register as a participant of the workshop and present the paper at the workshop, in order to have the paper published in the proceedings.
