

Title: 7th IEEE International Workshop on Middleware Architecture in the Internet (MidArch 2013)

Workshop Organizers:

Shigeaki Tanimoto, Professor, Chiba Institute of Technology, Japan

E-mail: shigeaki.tanimoto@it-chiba.ac.jp

Toyokazu Akiyama, Associate Professor, Kyoto Sangyo University, Japan

E-Mail: akiyama@cse.kyoto-su.ac.jp

Goal of the Workshop:

This workshop aims at sharing experiences of developing and managing middlewares from both a technical and policy aspect. It also aims at bringing together the domains of applications developers and middleware and security experts to identify areas of overlap and best practice so that the development of solutions can be simple and ideally modular in nature to ensure applications can be develop quickly and easily whilst conforming to middleware and security standards.

Theme of the Workshop:

Middleware is a layer of software that acts as glue between applications and the Internet. Although it is somehow difficult to define what middleware is (see RFC2768), it surely provides fundamental services in various situations such as authentication, authorization, accounting, directories, resource management, information discovery and retrieval, and security. Middleware solutions are starting to mature with a number of frameworks emerging that should ideally make use of common reusable components and tools to deliver specific middleware services for communities such as researchers in GRID communities and teaching and learning in Higher education for example. This workshop aims to share experiences of developing and managing middlewares from both a technical and policy aspect. It aims to bring together the domains of applications developers and middleware and security experts to identify areas of overlap and best practice so that the development of solutions can be simple and ideally modular in nature to ensure applications can be develop quickly and easily whilst conforming to middleware and security standards.

Moreover, in this Workshop, papers on system developments/experiences are also welcome. If you consider submitting this kind of paper, please specify "Implementation" or "Experiences" in the keyword field of a paper.

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

The scope of the workshop includes but not limited to:

- Authentication, authorization, accounting and access management
- Single sign on for Web services and non-web applications
- Federated identity management and identity federation.
- Wireless network roaming architectures
- Federations & trust fabrics (technologies and policies)
- DNS and directory services
- E-mail digital signature and encryption (S/MIME, PGP, etc.)
- PKI deployment issues
- Big Data/Cloud/GRID access control and privacy protection

- Security policies
- Implementation/Experiences of middlewares.

Program Committee:

Kento Aida, National Institute of Informatics, Japan
Hannes Hartenstein, Karlsruhe Institute of Technology, Germany
Shoji Kajita, Kyoto University, Japan
Toru Kobayashi, NTT, Japan
Mikael Linden, CSC, Finland
Diego R. Lopez, Telefonica I+D, Spain
Motonori Nakamura, National Institute of Informatics, Japan
Yasuo Okabe, Kyoto University, Japan
Guido Aben, AARNet, Australia
Hiroyuki Sato, The University of Tokyo, Japan
Yoshiaki Seki, NTT Secure Platform Laboratories, Japan
Hideaki Sone, Tohoku University, Japan
Stefan Winter, RESTENA, Luxembourg
Shigeaki Tanimoto, Chiba Institute of Technology, Japan
Nariyoshi Yamai, Okayama University, Japan
Kazutsuna Yamaji, National Institute of Informatics, Japan
Atsushi Kanai, Hosei University, Japan
Debbi Bucci, National Institutes of Health, USA
Toyokazu Akiyama, Kyoto Sangyo University, Japan

Important Dates:

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

Submission:

Papers should be submitted on-line no later than March 20, 2013. Papers must be submitted electronically via the MidArch 2013 Submission Page once it becomes available. After a review process by Organizers and Program Committee of the Workshop, authors of accepted papers will be requested to send its final manuscript to IEEE-CS press no later than May 5, 2013. So, authors are kindly requested to submit papers as early as possible to facilitate a review process.

Expected number of workshop sessions:
3 sessions

Information on the previously organized Workshops (if any).

MidArch2012 (12 submissions, 7 accepted, 58% acceptance ratio, 30 attendees)
MidArch2011 (12 submissions, 7 accepted, 58% acceptance ratio, 30 attendees)
MidArch2010 (8 submissions, 5 accepted, 63% acceptance ratio, 40 attendees)
MidArch2009 (10 submissions, 6 accepted, 60% acceptance ratio, 30 attendees)
MidArch2008 (17 submissions, 11 accepted, 65% acceptance ratio, 40 attendees)
MidArch2007 (18 submissions, 11 accepted, 61% acceptance ratio, 40 attendees)