

2007 SIWN International Conference on Complex Open Distributed Systems (CODS2007)
Chengdu, China, 22-24 July 2007

<http://siwn.org.uk/CODS2007/>

Sponsored by
SIWN - the Systemics and Informatics World Network

Technical Co-Sponsored by
IEEE Systems, Man, and Cybernetics Society
SMCS TC on Self-Organization and Cybernetics for Informatics

General Chair
H Tianfield, UK
<tianfield@ieee.org>
Program Chairs
A Y Zomaya, Australia
S Q Zheng, USA
Program Vice Chairs
Track 1
J C Cunha, Portugal
Track 2
J N de Souza, Brazil
N Agoulmine, France
Track 3
J A McCann, UK
W Tong, China
Track 4
H Yang, UK
Z Huang, New Zealand
Track 5
G Spezzano, Italy
Track 6
J Denzinger, Canada
S Hassas, France
Track 7
B K M Sim, Hong Kong,
China
H Zhu, Canada
Track 8
A Sztajnberg, Brazil
A Andrzejak, Germany
Track 9
H Jin, China
Track 10
J Cao, Hong Kong, China
Z Wang, Hong Kong, China
Track 11
J Strassner, USA
Track 12
D Greenwood, Switzerland
M Perazolo, USA
Tutorial Chairs
N Xiao, China
M Zhang, Australia
Publicity Chairs
R Kowalczyk, Australia
R Unland, Germany
Organizing Chair
J Tian, China

One of the most distinguishing requirements upon Information and Communication Technologies is today's ever-changing, highly open dynamic environments in which large-scale ICT systems are placed to operate. Challenges for ICT systems engineering immediately arise including, e.g., systems scalability, systems ultra-dependability, systems convergence against uncertainty and emergence, and so forth. In recent years, emergence, adaptation, self-organization, self-management, etc. have received extensive interests in both academics and industries of software, computing and communications.

As a timely response to these developing trends both in ICT academics and industries, the 2007 International Conference on Complex Open Distributed Systems (CODS'2007) aims to provide a focal forum for active researchers, practitioners, developers, and industrial professionals and academics from diversified domains and with diversified backgrounds to get together, to share latest research achievements and practical experiences, to exchange in-depth findings and innovative ideas, and in particular to harness the greatest challenges and think seriously into the future.

We have been looking forward to seeing you at CODS'2007. Chengdu welcomes you!

Publication

Accepted and registered papers of the Conference will be published in the international journal: *System and Information Sciences Notes* (ISSN 1753-2310), both in CD-ROM and print which are available for all participants at the Conference. After the Conference, authors are invited to submit fully expanded and revised versions of their original papers to *International Transactions on Systems Science and Applications* (ISSN 1751-1461), for possible further publication.

Important Dates

(There will be NO extension to the deadline of submissions)

15 April 2007	Full-paper Submission (cutoff: your local time 24:00 o'clock)
04 May 2007	Return of Peer Review (IPC members)
11 May 2007	Notification of Acceptance/Rejection
25 May 2007	Proposals on Tutorials
08 June 2007	Camera Ready Version (accepted papers) & Early-Bird Registration (cutoff: your local time 24:00 o'clock)
22-24 July 2007	Conference

Submission of a manuscript should be in a PDF file and be sent to <sisn@xiaglow-research.org.uk>, explicitly indicating "CODS2007" and the Technical Track # to which your paper is submitted. Proposals on tutorials should be sent to the Tutorial Chairs.

Scope

Areas of particular interest include 12 thematic Technical Tracks:

- Track 1 Grid Computing, and Virtual Organization Systems
- Track 2 Service Oriented Architectures in Computing and Communications
- Track 3 High Performance Autonomous Computing
- Track 4 Internet, and Web Services
- Track 5 Emergence, Self-Organization, and Adaptation
- Track 6 Open Dynamic Multi-Agent Systems
- Track 7 Distributed Intelligence and Systems
- Track 8 Self-Organization and Self-Management in Distributed and Grid Computing
- Track 9 High Performance Autonomous Networking
- Track 10 Wireless Networks, and Mobile Communications and Computing
- Track 11 Self-Organization and Self-Management in Communications
- Track 12 Industrial System Applications

Full lists of indicative topics in each Technical Track are downloadable on the Conference website.