



The 30<sup>th</sup> IEEE International Conference on Advanced Information Networking and Applications (IEEE AINA-2016)

Le Régent Congress Centre, Crans-Montana, Switzerland, March 23-25, 2016



Sponsored by IEEE Technical Committee on Distributed Processing (TCDP)

Supported by HES-SO University and Icare Research Institute

<http://voyager.ce.fit.ac.jp/conf/aina/2016/>



## SCOPE

As one of the most important international conferences sponsored by the TCDP of the IEEE Computer Society, the International Conference on Advanced Information Networking and Applications (AINA-2016) will be held at the Le Régent Congress Centre, Crans-Montana, Switzerland on March 23 - 25, 2016. The conference covers theory, design and application of computer networks, distributed computing and information systems. The conference will include keynote addresses with speakers from both industry and academia. Prospective authors are invited to submit papers in any of the following areas (not limited to):

- |   |   |
|---|---|
| ❖ Communication Protocol and Architecture         | ❖ Biological Informatics                                  |
| ❖ High-speed Communication and Network            | ❖ E-Learning, E-Commerce, E-Society, etc.                 |
| ❖ Wireless Communication and Network              | ❖ Grid, Cluster and Internet Computing                    |
| ❖ Multimedia Communication System                 | ❖ Peer-to-Peer (P2P) System                               |
| ❖ Personal Communication System                   | ❖ Service-oriented Framework and Middleware               |
| ❖ Mobile Ad-hoc and Sensor Network                | ❖ Autonomic Computing and Communication                   |
| ❖ Low-power Network and System                    | ❖ WWW, Semantic Web and Cyber World                       |
| ❖ Wearable Network and System                     | ❖ Mobile and Context-aware Computing                      |
| ❖ Embedded System and Networking                  | ❖ Ubiquitous/Pervasive Networks and Computing             |
| ❖ Internet Technology and IP-based Applications   | ❖ Ubiquitous Intelligence and Smart World                 |
| ❖ Network Control and Management                  | ❖ Smart Object, Space/Environment and System Applications |
| ❖ Network Performance, Analysis and Evaluation    | ❖ Innovative Networking and Applications                  |
| ❖ Quality of Services (QoS)                       | ❖ Social, Ethical & Other Issues of Networked World       |
| ❖ Multicast Routing and Technology                | ❖ Network and Application Hardware                        |
| ❖ Security, Privacy and Trust                     | ❖ Cognitive Network Access                                |
| ❖ Fault-tolerant and Dependable System            | ❖ Digital Eco Systems                                     |
| ❖ Multi-agent System and Applications             |   |
| ❖ Parallel/Distributed Algorithm and Architecture |   |
| ❖ Distributed Database and Data Mining            |   |
| ❖ Distributed Graphics and VR/AR/MR System        |   |
| ❖ Distributed AI and Soft/Natural Computing       |   |

## IEEE AINA-2016 ORGANIZING COMMITTEE

### Honorary Chair

Laurent Sciboz, HES-SO, Switzerland

### General Co-Chairs

Antonio Jara, HES-SO, Switzerland  
Hui-Huang Hsu, Tamkang University, Taiwan  
Markus Alekxy, ABB AG, Germany

### Program Committee Co-Chairs

Dominique Genoud, HES-SO, Switzerland  
Tomoya Enokido, Rishsho University, Japan  
Kin Fun Li, University of Victoria, Canada

### Workshop Co-Chairs

Yann Bocchi, HES-SO, Switzerland  
Elis Kulla, Okayama University of Science, Japan  
Eric Pardede, La Trobe University, Australia

### International Special Issue Journal Co-Chairs

Farookh Hussain, University of Technology, Sydney, Australia  
Muhammad Younas, Oxford Brookes University, UK

### Award Co-Chairs

Fatos Xhafa, Technical University of Catalonia, Spain  
Wenny Rahayu, La Trobe University, Australia  
Yoshitaka Shibata, Iwate Prefectural University, Japan

### Publicity Co-Chairs

Benjamin Nanchen, HES-SO, Switzerland  
Shengrui Wang, University of Sherbrooke, Canada  
Akio Koyama, Yamagata University, Japan

### International Liaison Co-Chairs

Irfan Awan, University of Bradford, UK  
Minoru Uehara, Toyo University, Japan  
David Taniar, Monash University, Australia

### Finance Chair

Makoto Ikeda, Fukuoka Institute of Technology, Japan

### Web Chairs

Tetsuya Oda, Fukuoka Institute of Technology, Japan  
Shinji Sakamoto, Fukuoka Institute of Technology, Japan



## PAPER SUBMISSION GUIDELINE

Submit a full paper of at most 8 pages Conference Publishing Services (CPS) Proceedings Manuscripts style: two columns, single-spaced), including figures and references, using 10 fonts, and number each page. You can confirm the Proceedings Author Guidelines at the following web page: <http://www.computer.org/portal/web/cscps/submission>  
EDAS Submission website: <http://edas.info/N19859>

Accepted papers will be given guidelines in preparing and submitting the final manuscript(s) together with the notification of acceptance. The proceedings will be published by CPS with 8 pages for each paper. Authors of accepted papers, or at least one of them, are requested to register and present their work at the conference, otherwise their papers will be removed from the digital library after the conference.

Distinguished papers accepted and presented at the conference and also the workshops of AINA-2016, after further revisions, will be published in special issues of prestigious international journals.

## WORKSHOPS

In conjunction with the IEEE AINA-2016 international conference, some number of workshops will be held. If you would like to organize a workshop, please submit a workshop proposal including call for paper, number of papers to be accepted, contact person, to the AINA-2016 workshop Co-Chairs by **September 15, 2015**:

Yann Bocchi, HES-SO, Switzerland

Elis Kulla, Okayama University of Science, Japan

Eric Pardede, La Trobe University, Australia

Proceedings of the AINA-2016 workshops will be published by CPS. The schedule of each workshop should follow the conference schedule.

## IMPORTANT DATES

- ◆ Workshop Proposal Due: September 15, 2015
- ◆ **Submission Deadline: October 31, 2015 (Extended, HARD DEADLINE)**
- ◆ Authors Notification: December 20, 2015
- ◆ Author Registration: January 15, 2016
- ◆ Final Manuscript: January 15, 2016
- ◆ Conference Dates: March 23 - 25, 2016

## AINA Steering Committee Chairs

Makoto Takizawa, Hosei University, Japan

E-mail: makoto.takizawa{at}computer.org

Leonard Barolli, Fukuoka Institute of Technology (FIT), Japan

E-mail: barolli{at}fit.ac.jp