



The 36-th International Conference on Advanced Information Networking and Applications (AINA-2022)

> University of Technology Sydney (UTS), Sydney, Australia April 13 to April 15, 2022

> > http://voyager.ce.fit.ac.jp/conf/aina/2022/

### SCOPE

The International Conference on Advanced Information Networking and Applications (AINA-2022) will be held at University of Technology Sydney (UTS), Sydney, Australia, from April 13 to April 15, 2022. This is the 36-th edition of AINA. 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 High-speed Communication and

- Network
  Wireless Communication and Network
  Wireless Communication System
  Personal Communication System
  Personal Communication System
  Mobile Ad-hoc and Sensor Network
  Low-power Network and System
  Wearable Network and System
  Embedded System and Networking
  Internet Technology and IP-based
  Applications
  Network Control and Management
  Network Performance, Analysis and
  Evaluation
- **\***

- Network Performance, Amaryon Sanates Evaluation
  Quality of Services (QoS)
  Multicast Routing and Technology
  Security, Privacy and Trust
  Fault-tolerant and Dependable System
  Multi-agent System and Applications
  Parallel/Distributed Algorithm and
  Architecture
- Architecture
  Distributed Database and Data Mining
  Distributed Graphics and VR/AR/MR
- System
  Distributed AI and Soft/Natural
  Computing \*

- Biological Informatics E-Learning, E-Commerce, E-Society, etc. Grid, Cluster and Internet

- Computing
  Peer-to-Peer (P2P) System
  Service-oriented Framework and
  Middleware
- Autonomic Computing and
- Communication
  WWW, Semantic Web and Cyber

- Communication
  WWW, Semantic Web and Cyber
  World
  Mobile and Context-aware
  Computing
  Ubiquitous/Pervasive Networks
  and Computing
  Ubiquitous Intelligence and
  Smart World
  Smart Object,
  Space/Environment and System
  Innovative Networking and
  Applications
  Social, Ethical & Other Issues of
  Network and Application
  Hardware
  Cognitive Network Access
  Digital Eco Systems

## PAPER SUBMISSION GUIDELINE

Authors should submit a paper to the main conference with maximum 12 pages in length, including all figures, tables, and references. Workshop papers should be maximum 10 pages long. However, authors can add up to 2 extra pages with the appropriate fee payment. Papers must be prepared using the Lecture Notes Style of Springer Proceedings (download from AINA-2022 Web page) and must be formatted in PDF format. Prepare your paper in PDF file and submit it electronically to AINA-2022 web page.

All accepted papers will be included in conference proceedings of Lecture Notes series published by Springer and indexed in SCOPUS. Authors of accepted papers will be given instructions for submission of camera ready and copyright form. Presented papers at AINA-2022 will be considered for publication in some Special Issues in International Journals.

## **WORKSHOPS**

In conjunction with the AINA-2022 international conference, will be held some number of workshops. 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-2022 Workshops Co-Chairs by November 20, 2021.

Beniamino Di Martino, Univ. of Campania "Luigi Vanvitelli", Italy Omid Ameri Sianaki, Victoria University, Australia Kin Fun Li, University of Victoria, Canada

Proceedings of AINA-2022 Workshops will be published by Springer in the same proceedings with AINA-2022 main conference. The schedule of each workshop should follow the conference schedule.

## **AINA-2022 ORGANIZING COMMITTEE**

#### Honorary Chair

Makoto Takizawa, Hosei University, Japan

#### General Co-Chairs

Farookh Hussain, University of Technology, Sydney, Australia Tomoya Enokido, Rissho University, Japan Isaac Woungang, Ryerson University, Canada

### **Program Committee Co-Chairs**

Omar Hussain, University of New South Wales, Australia Flora Amato, University of Naples "Federico II", Italy Marek Ogiela, AGH Univ. of Science and Technology, Poland

### Workshops Co-Chairs

Beniamino Di Martino, Univ. of Campania "Luigi Vanvitelli", Italy Omid Ameri Sianaki, Victoria University, Australia Kin Fun Li, University of Victoria, Canada

## International Journals Special Issues Co-Chairs

Fatos Xhafa, Technical University of Catalonia, Spain David Taniar, Monash University, Australia

#### Award Co-Chairs

Arjan Durresi, IUPUI, USA Fang-Yie Leu, Tunghai University, Taiwan

### **Publicity Co-Chairs**

Markus Aleksy, ABB AG, Germany Lidia Ogiela, Pedagogical University of Cracow, Poland Hsing-Chung Chen, Asia University, Taiwan

## International Liaison Co-Chairs

Nadeem Javaid, COMSATS University Islamabad, Pakistan Wenny Rahayu, La Trobe University, Australia

#### Local Arrangement Co-Chairs

Rania Alhazmi, University of Technology Sydney, Australia Huda Alsobhi, University of Technology Sydney, Australia Ebtesam Almansour, University of Technology Sydney, Australia

Makoto Ikeda, Fukuoka Institute of Technology, Japan

Phudit Ampririt, Fukuoka Institute of Technology, Japan Kevin Bylykbashi, Fukuoka Institute of Technology, Japan Ermioni Qafzezi, Fukuoka Institute of Technology, Japan

# IMPORTANT DATES

- Workshop Proposal Due: November 20, 2021
- Submission Deadline: November 20, 2021
- Authors Notification: January 20, 2022
- Author Registration: February 5, 2022 Final Manuscript: February 5, 2022
- Conference Dates: April 13 April 15, 2022

# AINA Steering Committee Chair

Leonard Barolli, Fukuoka Institute of Technology (FIT), Japan E-mail: barolli{at}fit.ac.jp