



# The 12<sup>th</sup> International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2018)

July 4<sup>th</sup> – July 6<sup>th</sup>, 2018, Kunibiki Messe, Matsue, Japan

<http://voyager.ce.fit.ac.jp/conf/imis/2018/>

The IMIS-2018 International Conference will be held in conjunction with CISIS-2018: <http://voyager.ce.fit.ac.jp/conf/cisis/2018/>

## ORGANIZING COMMITTEE

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### Program Tracks

1. Multimedia and Web Computing
2. Context and Location-aware Computing
3. Data Management in Big Data
4. Security, Trust and Privacy
5. Energy Aware and Pervasive Systems
6. Modeling, Simulation and Performance Evaluation
7. Wireless and Mobile Networks
8. Intelligent Technologies and Applications
9. Cloud Computing and Service-Oriented Applications
10. Ontology and Semantic Web
11. IoT and Opportunistic Networking
12. Embedded Systems and Wearable Computers

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### Web Administrator Chairs

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## AIM & SCOPE

With the proliferation of wireless technologies and electronic devices, there is a fast growing interest in Ubiquitous and Pervasive Computing (UPC). UPC enables to create a human-oriented computing environment where computer chips are embedded in everyday objects and interact with physical world. Through UPC, people can get online even while moving around, thus having almost permanent access to their preferred services. With a great potential to revolutionize our lives, UPC also poses new research challenges. IMIS International Conference will focus on the challenges and solutions for UPC with an emphasis on innovative, mobile and internet services. The conference will provide an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of UPC. The conference will publish high quality papers, which are closely related to the various theories and practical applications in UPC. In addition, we expect that the conference and its publications will be a trigger for further related research and technology improvements in this important subject.

- Theoretical Foundations for UPC
- Algorithmic Paradigms, Models and Analysis for UPC
- Context-aware Scheme
- Smart Spaces and Intelligent Environments
- Embedded Systems and Wearable Computers
- Middleware and Agent Technologies
- Programming Paradigms for Pervasive and Ubiquitous Computing Applications
- Knowledge-based Systems

- Mobile Internet and Mobility Management
- Wireless Sensors, Ad-hoc and Mesh Networks
- Security Issues and Protocols
- Security Threats and Model
- Authentication and Access Control
- Privacy and Trust
- Ubiquitous Computing Applications
- Business Model and Protocols for Ubiquitous Services
- Emerging Standards and Technologies

## IMPORTANT DATES

**Submission Deadline:** **March 15, 2018**  
**Authors Notification:** April 15, 2018  
**Author Registration:** April 25, 2018  
**Final Manuscript:** April 25, 2018  
**Conference Dates:** **July 4-6, 2018**

## WORKSHOPS

If you would like to organize a workshop, please submit a workshop proposal including call for papers, number of papers to be accepted, contact person, to the IMIS-2018 Workshops Co-Chairs by December 1, 2017. Proceedings of IMIS-2018 workshops will be published together with IMIS-2018 by Springer Lecture Notes. The schedule of each workshop should follow the conference schedule.

## SUBMISSION GUIDELINES

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 IMIS-2018 web page), and must be formatted in PDF format. Prepare your paper in PDF file and submit it electronically to IMIS-2018 web page: <http://edas.info/N23871>.

All accepted papers will be included in conference proceedings of Lecture Notes series published by Springer. Proceedings will be sent by Springer for indexing in ISI Proceedings, MetaPress and Springer Link. Authors of accepted papers will be given instructions for submission of camera ready and copyright form. Presented papers at IMIS-2018 will be considered for publication in some Special Issues in International Journals.