

## CALL FOR PAPERS

**Eighth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2017)**

**March 29-31, 2017**

**Universidad Autónoma de Ciudad Juárez.**

**Juarez City, Mexico**

**[www.socio.org.uk/icadiwt](http://www.socio.org.uk/icadiwt)**

**(Proceedings and workshop papers will be published by IOS press and indexed in many databases)**

**Proceedings will be published in IOS Press series (Frontiers in Artificial Intelligence and Applications (FAIA))**

**<http://www.frontiersinai.com/?q=indexing>**

The Eighth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2017) is a forum for scientists, engineers, and practitioners to present their latest research results, ideas, developments and applications in the areas of Computer Communications, Communication networks, Communication Software Communication Technologies and Applications, and other related themes.

This conference (ICADIWT Edition VIII) will include presentations of contributed papers and state-of-the-art lectures by invited keynote speakers.

### Topics

This conference welcomes papers address on, but not limited to, the following research topics:

- Internet Communication
- Internet Technologies
- Web Applications
- Internet Software
- Data Access and Transmission
- Digital Communication Software
- Digital Networks
- Web Communication Interfaces
- Internet Content Processing
- Internet of Things
- Internet of Everything
- Data Communication
- Databases and applications
- Web Systems Engineering Design
- Intelligent Agent Systems
- Semantic Web Studies
- Adaptive Web applications and personalization
- Navigation and hypermedia
- Actuators and sensors
- Robotics and Machine Vision
- Vibration and noise control
- Smart structures

- Motion Control MEMS
- Control
- Automation
- Human-machine interfaces
- Real-time simulation

### **Important Dates**

Submission of papers	January 18, 2017
Notification	February 08, 2017
Camera ready	March 05, 2017
Registration	March 05, 2017
Conference Dates	March 29-31, 2017

### **Program Committees**

#### **Honorary Chair**

Francisco López Hernández (Autonomous University of Ciudad Juarez, Mexico)  
Salvador Noriega Morales, (Autonomous University of Ciudad Juarez, Mexico)  
Luis Ricardo Vidal Portilla, (Autonomous University of Ciudad Juarez, Mexico)

#### **General Chairs**

Ricardo Rodriguez Jorge, (Autonomous University of Ciudad Juarez, Mexico)  
Jolanta Mizera-Pietraszko, (Opole University, Poland)

Submissions at- <http://www.socio.org.uk/icadiwt/paper-submission/>

#### **Contact**

icadiwt@socio.org.uk  
diwt@dirf.org

**Sixth International Conference on Future Generation Communication Technologies**  
**Irish Computer Society, Dublin**  
**Ireland**  
**August 21-23, 2017**  
**([www.socio.org/fgct](http://www.socio.org/fgct))**

In the last decade, a number of newer communication technologies have been evolved, which have a significant impact on the technology, as a whole. The impact ranges from incremental applications to dramatic breakthrough in the society. Users rely heavily on broadcast technology, social media, mobile devices, video games and other innovations to enrich the learning and adoption process.

This conference is designed for teachers, administrators, practitioners, researchers and scientists in the development arenas. It aims to provide discussions and simulations in the communication technology at the broad level and broadcasting technology and related technologies at the micro level. Through a set of research papers, using innovative and interactive approach, participants can expect to share a set of research that will prepare them to apply new technologies to their work in teaching, research and educational development amid this rapidly evolving landscape.

Topics discussed in this platform are not limited to-

Emerging cellular and new network architectures for 5G

- New antenna and RF technology for 5G wireless
- Modulation algorithms
- Circuits, software and systems for 5G
- Convergence of multi-modes, multi-bands, multi-standards and multi- applications in 5G systems
- Cognitive radio and collaborative transmissions in 5G
- Computing and processing platform for 5G
- Programming models and development tools to enable 5G systems
- Small cells and heterogeneous networks
- Metrics and Evaluation of 5G systems
- Standardization of 5G
- Deployment options such as small cells, eICIC, MIMO and CoMP
- LTE/WiFi interworking, carrier aggregation, dual connectivity
- C-RAN, D-RAN, mmWave, Massive MIMO and ultra-low latency
- Higher protocol layers
- Latency and traffic scheduling
- Broadcast technology
- Future Internet and networking architectures
- Future mobile communications
- Mobile Web Technology
- Mobile TV and multimedia phones
- Communication Security, Trust, Protocols and Applications
- Communication Interfaces
- Communication Modelling
- Satellite and space communications

- Communication software
- Future Generation Communication Networks
- Communication Network Security
- Communication Data Grids
- Collaborative Communication Technology
- Intelligence for future communication systems
- Forthcoming optical communication systems
- Communication Technology for Elearning, Egovernment, Ebusiness
- Games and games designing
- Social technology devises, tools and applications
- Crowdsourcing and Human Computation
- Human-computer communication
- Pervasive Computing
- Grid, crowd sourcing and cloud computing
- Hypermedia systems
- Software and technologies for E-communication
- Intelligent Systems for E-communication
- Future Cloud for Communication
- Future warehousing
- Future communication for healthcare and medical devices applications
- Future communication for Mechatronic applications

All presented papers in the conference will be published in the proceedings of the conference and submitted to the IEEE Xplore Digital Library.

The conference will have workshops on specific themes, industrial presentation, invited talks and collaborative discussion forums.

### **Important Dates**

Submission of Papers: May 25, 2017  
 Notification of Acceptance: July 01, 2017  
 Camera Ready: August 01, 2017  
 Registration: August 01, 2017  
 Conference Dates: August 21-23, 2017

The selected papers after extension and modification will be published in many peer reviewed and indexed journals.

1. Journal of Computer and System Sciences/ (ISI/Scopus)
2. Journal of Digital Information Management (Scopus/EI)
3. International Journal of Computational Science and Engineering (Scopus and EI Indexed)
4. Decision Analytics
5. International Journal of Big Data Intelligence
6. International Journal of Applied Decision Sciences (Scopus/EI)
7. International Journal of Management and Decision Making (Scopus/EI)
8. International Journal of Strategic Decision Sciences
9. International Journal of Enterprise Information Systems (Scopus/EI)
10. Journal of Electrical Systems
11. Recent Advances in Electrical & Electronic Engineering