



The 12<sup>th</sup> edition of the **Multi Conference on Computer Science and Information Systems (MCCSIS 2018)** was held in Madrid, Spain, from 17 to 20 July 2018.

This conference was organized by the International Association for Development of the Information Society. It addressed two main subjects: Computer Science and Information Systems. The Multi Conference was organized into fourteen conferences according to several themes and it aimed to cover both technical as well non-technological issues related to developments within Computer Science and Information Systems.

The following conferences were part of the MCCSIS 2018:

- e-Learning 2018 – EL2018
- Theory and Practice in Modern Computing 2018 – TPMC2018
- Game and Entertainment Technologies 2018 – GET2018
- ICT, Society, and Human Beings 2018 – ICT2018
- Web Based Communities and Social Media 2018 – WBC2018
- Interfaces and Human Computer Interaction 2018 – IHCI2018
- Computer Graphics, Visualization, Computer Vision and Image Processing 2018 – CGVCVIP2018
- e-Health 2018 – EH2018
- Connected Smart Cities 2018 – CSC2018
- Big Data Analytics, Data Mining and Computational Intelligence 2018 – BigDaCI2018

The MCCSIS 2018 had a total of 617 submissions from around the world. The Conference comprised invited talks and oral presentations and tried to be a forum to gather researchers in the core areas of both Computer Science and Information Systems

The Multi Conference offered 5 Keynote Lectures to their participants. Keynote Speakers (in alphabetical order):

- Ana Fernández-Pampillón Cesteros, Professor, Universidad Complutense de Madrid, Spain
- George (Giorgos) Kontaxakis, A/ Professor, Department of Electronic Engineering, Information Processing and Telecommunications Center, Universidad Politécnica de Madrid (UPM), Spain
- Paloma Diaz, Professor Dr., Director of the Digital Living Academic Unit and Director of the Interactive Systems Research Group (DEI-LAB), Universidad Carlos III de Madrid, Spain
- Pedro Larrañaga, Professor, Department of Artificial Intelligence, Technical University of Madrid, Spain
- Rosa M. Carro, Professor, Head of the Department of Computer Engineering, Universidad Autónoma de Madrid, Spain

The proceedings of the multi-conference were published in the form of a book with ISBN and it is also available in the IADIS Digital Library. The best paper authors were invited to publish extended versions of their papers in the IADIS Journal on Computer Science and Information Systems (ISSN: 1646-3692), IADIS Journal on WWW/Internet (ISSN: 1645-7641) and also in other selected International Journals.

**General MCCSIS Conference Co-Chairs:**

Piet Kommers, University of Twente, The Netherlands  
Pedro Isaias, The University of Queensland, Australia

**Program Chairs of the MCCSIS conferences (in alphabetical order):**

Ajith P. Abraham, Machine Intelligence Research Labs (MIR Labs), USA  
Guo Chao (Alex) Peng, School of Information Management, Sun Yat-sen University, Guangzhou, China  
Jörg Roth, University of Applied Sciences Nuremberg, Germany  
Katherine Blashki, Noroff University College, Norway

Mário Macedo, Universidade Atlântica, Portugal

Miguel Baptista Nunes, School of Information Management, Sun Yat-sen University, Guangzhou, China

Pedro Isaias, The University of Queensland, Australia

Piet Kommers, University of Twente, The Netherlands

Yingcai Xiao, The University of Akron, USA