The 13th edition of the International Conference on Web Based Communities and Social Media (part of the IADIS Multi Conference on Computer Science and Information Systems 2016) was held in Funchal, Madeira, Portugal, during 1-3 July, 2016.

This conference was organized by the International Association for Development of the Information Society (IADIS).

The World Wide Web has migrated from information space into opportunities for social communication. Social Media are growing rapidly and play an increasingly important role in the development of Online Communities. They are all about identity, reputation, presence and relationships. Web based communities announce themselves both in our professional and private life through several new media such as LinkedIn, Twitter, Plaxo, etc. In order to keep up to date with the pace of these new technological developments this IADIS Conference offers a dedicated overview and informative discussion on today's most relevant issues in new media for social life on the web.

The mission of this conference was to publish and integrate scientific results and act catalytically to the fast developing culture of web communities, while helping to disseminate and understand the latest developments social media and their impact. Submissions were accepted under the following seven main topics: The History, Architecture and Future of Virtual Communities; Cyborgs, Teleworking, Telemedicine, Art Games and Learning Communities; Virtual Communities for People with Special Needs; Group Processes and Self-Organization; Expanding Markets through Virtual Communities; Virtual Communities for People with Special Needs and Social Media.

The 2016 edition was published jointly with the conferences: ICT, Society and Human Beings 2016, Big Data Analytics, Data Mining and Computational Intelligence 2016 and Theory and Practice in Modern 2016. These conferences received 169 submissions from more than 32 countries. Each submission has was anonymously reviewed by an average of five independent reviewers, to ensure that accepted submissions were of a high standard. Consequently only 25 full papers were approved which means an acceptance rate of 15%. A few more papers were accepted as short papers, reflection paper and posters.

Extended versions of the best papers were selected to be published in:

- International Journal of “Web Based Communities” (IJWBC); ISSN: 1477 - 8394 (4 issues per year)

- the IADIS International Journal on WWW/Internet (IJWI). ISSN: 1645-7641
Besides the presentation of full papers, short papers, reflection paper and posters, these events also included two keynote presentations by Professor Emerita Gunilla Bradley (Informatics, School of ICT, Royal Institute of Technology (KTH), Stockholm, Sweden) and Professor Alfred Inselberg (Senior Fellow San Diego Supercomputing Center & Computer Science and Applied Mathematics Departments, Tel Aviv University, Israel).

**Keynote Presentation:**

**SOCIAL AND PSYCHOLOGICAL CHANGES IN THE ICT SOCIETY – ABOUT VISIONS AND WISDOM**

by Gunilla Bradley, Professor Emerita, Royal Institute of Technology (KTH) Stockholm

**Keynote Presentation:**

**VISUALIZATION AND DATA MINING FOR HIGH DIMENSIONAL DATA**

Professor Alfred Inselberg, Senior Fellow San Diego Supercomputing Center & Computer Science and Applied Mathematics Departments, Tel Aviv University, Israel

In general, this edition offered once again a great opportunity to all their participants to discuss with success the most significant aspects regarding the theme web based communities.

The Web Based Communities and Social Media Conference 2016 was published in hard copy (ISBN: 978-989-8533-54-8) by IADIS Press.

**Program Committee Members:**

Abdulrahman Alothaim, University of Nebraska at Omaha, USA
Andrea Lapa, Federal University of Santa Catarina, Brazil
Andrei Semeniuta, Belarus Trade Economics University, Belarus
Anirban Kundu, Kuang-Chi Institute of Advanced Technology, Shenzhen, China
Antonio Moreira, University of Aveiro, Portugal
Apostolos Gkamas, University Ecclesiastical Academy of Vella of Ioan, Greece
Arianna D’ulizia, National Research Council – IRPPS, Italy
Atsuo Hazeyama, Tokyo Gakugei University, Japan
Boyan Bontchev, Sofia University St. Kl. Ohridski, Bulgaria
Carmen Celina Torres Arcadia, Tecnológico de Monterrey, Mexico
Chien-sing Lee, Universiti Tunku Abdul Rahman, Malaysia

Christos Bouras, University of Patras, Greece
Christos Karageorgopulos, KETHEA, Greece
Cigdem Turhan, Attilim University, Turkey
Claudia Raibulet, University of Milano-Bicocca, Italy
Cuong Nguyen, University of Nebraska At Omaha, USA
Daniela Godoy, Isistan – Conicet – Instituto de Sistemas Tandil, Argentina
Edison Spina, University of Sao Paulo, Brazil
El Hassan Abdelwahed, University Cadi Ayyad, Morocco
Elaheh Pourabbas, National Research Council, Italy
Elisaveta Gurova, Sofia University, Bulgaria
Eliza Stefanova, St. Kl. Ohridski University of Sofia, Bulgaria
Emmanouil Stiakakis, University of Macedonia, Greece
Eugenia Kovatcheva, University of Library Studies and Information Technology, Bulgaria
Eugenio Martinez Cámar, University of Jaén, Spain