



**The International Conference WWW/Internet 2010 (ICWI 2010) was held in Timisoara, Romania, October 14-17, 2010.**

The ICWI 2010 was organised by the International Association for Development of the Information Society (IADIS) and co-organised by "Politehnica" University of Timisoara, Romania.

**Co-organize by:**



The purpose of this Conference was to provide a forum to assemble researchers, practitioners, students and anyone who worked or studied within the field of WWW/Internet. The Conference aimed to address the main issues of concern within WWW/Internet and to cover both technological as well as non-technological issues related to developments of the WWW/Internet. This conference aims to cover both technological as well as non-technological issues related to these developments. Its broad areas of interest were Web 2.0, Semantic Web and XML, Applications and Uses, Services, Architectures and Web Development and Research Issues.



The WWW/Internet 2010 Conference had 153 submissions from more than 28 countries. Each submission had been anonymously reviewed by an average of four independent reviewers, to ensure the final high standard of the accepted submissions. The final result was the approval of 30 full papers, which meant that the acceptance rate was below 20%. A few more papers have been accepted as short papers, reflection papers, posters and doctoral consortium.

Best papers were selected for publishing as extended versions in the IADIS International Journal on WWW/Internet (IJWI) and in other selected journals (ISSN: 1645-7641).

The Conference Program was composed by an opening and closing sessions, 13 parallel paper sessions, which included the presentation of full, short and reflection papers, posters, and doctoral consortium presentations



The conference, besides the presentation of full papers, short papers, reflection papers, posters and doctoral consortium presentations also included two keynote presentations from internationally distinguished researchers.



**Keynote Presentation:**

**“FROM THE INFORMATION SUPER HIGHWAY TO THE CLOUD: AN INCREDIBLE JOURNEY “**



by Professor Mark Frydenberg, Senior Lecturer Bentley University, USA

**Keynote Presentation:**

**“THE OPEN WEB: PRACTICAL STANDARDS FOR FRONTEND DEVELOPERS”**



by Dr. Molly Holzschlag, Web Evangelist Developer Relations, Opera Software, USA

The Conference Proceedings were published both in:  
Book (ISBN: 978-972-8939-25-0) and CD-ROM (ISBN: 978-972-8939-26-7)



**Program Committee Members:**

Abdolhossein Sarrafzadeh, UNITEC New Zealand, New Zealand

Adrian Stoica, University Of Patras, Greece

Alberto Barrón-Cedeño, Universidad Politécnica Valencia, Spain

Alexander Kröner, Dfki, Germany

Alexander Pokahr, Pokahr, Germany

Alexander Schill, TU Dresden, Germany

Alexander Trousov, IBM Dublin Center for Advanced Studies, Ireland

Alexander Wöhrer, University Of Vienna, Austria

Amali Weerasinghe, University Of Canterbury, New Zealand

Ana Sanz, Universidad Carlos III De Madrid, Spain

Ana Regina Cavalcanti Da Rocha, Centroin, Brazil

Ananya S. Guha, Indira Gandhi National Open University, India

Andrea Kienle, University of Applied Sciences, Dortmund, Germany

Andreas Papasalouros, University Of The Aegean, Greece

Andreas Schrader, ISNM - International School Of New Media at the Un, Germany

Angélica Antonio, Universidad Politécnica De Madrid, Spain

Angelo Di Iorio, University Of Bologna, Italy

Anirban Kundu, West Bengal University Of Technology, India

Antonio Reyes, Universidad Politécnica De Valencia, Spain

Arturo Mora-Soto, Carlos III University Of Madrid, Spain

Asadullah Shaikh, Universitat Oberta de Catalunya, Spain

Béatrice Rumpler, Insa Of Lyon, France

Beob Kyun Kim, Korea Institute of Science and Technology Informat, South Korea

Bianca Shoen, University College Dublin, Ireland

Bo Hu, Universität Der Bundeswehr München, Germany

Brahmananda Sapkota, University Of Twente, Netherlands

Cao Rong Zeng, IBM China Research Lab, China

Carsten Ulrich, Shanghai Jiao Tong University, China

Chih Cheng Hung, Southern Polytechnic State University, Usa

Christos Bouras, University Of Patras, Greece

Christos Georgiadis, University Of Macedonia Thessaloniki, Greece

Chunhua Tian, IBM China Research Lab, China

Ciprian Dobre, University Politehnica Of Bucharest, Romania

Clodoveu Davis, Universidade Federal de Minas Gerais, Brazil

Constantina Costopoulou, Agricultural University Of Athens, Greece

Costas Yialouris, Agricultural University Of Athens, Greece

Daniel Cunliffe, University Of Glamorgan, United Kingdom

Daniel Schuster, TU Dresden, Germany

Debajyoti Mukhopadhyay, Calcutta Business School, India

Demetrios Sampson, University Of Piraeus, Greece

Diana Pérez Marín, Universidad Rey Juan Carlos, Spain

Dirk Thissen, Rwth Aachen, Germany

Dongqiang Yang, Flinders University, Australia

Elena Calude, Massey University At Albany, New Zealand

Elena Camossi, European Commission, Joint Research Centre, Italy

Elias Kirche, Florida Gulf Coast University, USA

Elif Ubeyli, Tobb Economics And Technology University, Turkey

Eloisa Vargiu, DIEE, Italy

Eva Söderström, University Of Skövde, Sweden

Ezendu Ariwa, London Metropolitan University, United Kingdom

Fahim Akhter, Zayed University, United Arab Emirates

Fan Zhao, Florida Gulf Coast University, Usa

Fatos Xhafa, Universitat Politècnica De Catalunya, Spain

Florence Sedes, Universite Paul Sabatier Of Toulouse, France

Florin Pop, University Politehnica Of Bucharest, Romania

Francesco Guerra, Università Di Modena E Reggio Emilia, Italy

Francesco Pagliarecci, Polytechnical University Of Marche, Italy

Fuensanta Medina-Domínguez, Carlos III Technical University of Madrid, Spain

Fuhua Lin, Athabasca University, Canada

Geneen Stubbs, University Of Glamorgan, United Kingdom

George Gkotsis, University Of Patras, Greece

George Koutromanos, University Of Athens, Greece

George Vouros, University Of The Aegean, Greece

Gheorghe Cosmin Silaghi, Babes-Bolyai University of Cluj-Napoca, Romania

Giuseppe Patane, Cnr-imati, Italy

Guido Roessling, Darmstadt University Of Technology, Germany

Gustavo Rossi, Universidad Nacional De La Plata, Argentina

Hakikur Rahman, Institute of Computer Management & Science (ICMS), Bangladesh

Hamid Mcheick, Université Du Québec À Chicoutimi, Canada

Henry Oinas-Kukkonen, University Of Oulu, Finland, Finland

Holger Hinrichs, University Of Applied Sciences Lübeck, Germany

Horst Hellbrück, University Of Applied Sciences Lübeck Horst, Germany

Idris Rai, Lancaster University, United Kingdom

Ioan Toma, University Innsbruck, Austria

J. Enrique Agudo, Universidad De Extremadura, Spain

J. K. Vijayakumar, King Abdullah University of Science and Technology, Saudi Arabia

Jaime Ramírez Ramírez, Universidad Politécnica De Madrid, Spain

James Thong, Hong Kong University Of Science And Technology, Hong Kong

James Walden, Northern Kentucky University, United States

Jan Zizka, SoNet/Dept. of Informatics, FBE, Mendel University, Czech Republic

Janez Brank, Jozef Stefan Institute, Slovenia

Javier Saldaña, Universidad Carlos Iii De Madrid, Spain

Jessica Rubart, Arvato Services, Germany

Jinjun Chen, Swinburne University Of Technology, Australia

John Garofalakis, University of Patras, Greece

Jörg Roth, University Of Applied Sciences Nuremberg, Germany

José Laurindo Campos dos Santos, Instituto Nacional De Pesquisas Na Amazonia, Brazil

Juan Ramón Pérez Pérez, Universidad De Oviedo, Spain

Juhnyoung Lee, IBM T. J. Watson Research Center, Usa

Julie Yazici, Florida Gulf Coast University, Usa

Kai Jakobs, RWTH Aachen University, Germany

Kangsoo You, Jeonju University, Korea (south)

Konstantinos Kotis, University Of The Aegean, Greece

Krzysztof Walkowiak, Wroclaw University Of Technology, Poland

Lars Braubach, Informatik Der Universität Hamburg, Germany

Lazaros Iliadis, Democritus University Of Thrace, Greece

Leila Shafti, Universidad Autonoma De Madrid, Spain

Liping Liu, University Of Akron, Usa

Luca Spalazzi, Polytechnic University Of Marche, Italy

Lucia Rapanotti, The Open University, United Kingdom

Manolis Tzagarakis, University Of Patras , Greece

Manuel Montes y Gómez, INAOE, Mexico

Mara Nikolaidou, Harokopio University Of Athens, Greece

Margherita Antona, ICS - FORTH, Greece

Maria Claudia Buzzi, CNR - IIT, Italy

Markos Hatzitaskos, University Of Patras, Greece

Martin Gaedke, Chemnitz University Of Technology, Germany

Massimo Marchiori, Unipd/ Utilabs, Italy

Mauricio Marin, Yahoo! Research Santiago, Chile

Maytham Safar, Kuwait University, Kuwait

Michael Mrissa, University of Lyon, France

Michal Wozniak, Wroclaw University Of Technology, Poland

Michalis Vaitis, University of the Aegean, Greece

Miguel-Angel Sicilia Urbán, University Of Alcalá, Spain

Ming-Puu Chen, National Taiwan Normal University, Taiwan

Miroslav Bures, Czech Technical University In Prague, Czech Republic

Nikolaos Tselios, University Of Patras, Greece

Nikos Karacapilidis, University Of Patras, Greece

Nikos Karousos, University Of Patras, Greece

Nikos Tsirakis, University Of Patras, Greece

Olga Santos Martín, Uned, Spain

Omair Shafiq, University Of Calgary, Canada

Ourania Hatzi, Harokopio University Of Athens, Greece

Paolo Rosso, Universidad Politécnica De Valencia, Spain

Pedro Paredes, Universidad Autónoma De Madrid, Spain

Penelope Markellou, University Of Patras, Greece

Peter Geczy, AIST (National Institute of Advanced Industrial Sc, Japan

Raquel Hervas, Universidad Complutense de Madrid, Spain

Robert Burduk, Wroclaw University Of Technology, Poland

Robert Goodwin, Flinders University, Australia

Runa Jesmin, University Of London, United Kingdom

Samad Kolahi, Unitec Institute Of Technology, New Zealand

Sattanathan Subramanian, Uni-BCCS, Norway

Silvia Gaiani, Università Di Bologna, Italy

Sotiris Karetzos, Agricultural University Of Athens, Greece

Stefan Dietze, The Open University, United Kingdom

Stefan Fischer, Universität Zu Lübeck, Germany

Steven Demurjian, The University Of Connecticut, USA

Stuart Cunningham, Glyndwr University, United Kingdom

Sung-kook Han, Wonkwang University, Korea, Republic Of

Tayana Conte, Federal University Of Rio De Janeiro, Brazil

Tharrenos Bratitsis, University Of Western Macedonia, Greece

Thomas Springer, Tu Dresden, Germany

Tobias Buerger, Salzburg Research, Austria

Tomoo Inoue, University Of Tsukuba, Japan

Tukaram Fulzele, Indira Gandhi National Open University, India

Vassilis Kapsalis, Industrial Systems Institute, Greece

Vic Grout, University Of Wales, United Kingdom

Wei Hao, Northern Kentucky University, United States

Wilhelm Schwieren, Rwth Aachen University, Germany

Yuanbo Guo, Microsoft, USA