



The International Conference WWW/Internet 2012 (ICWI 2012) was held in Madrid, Spain, October 18-21, 2012.

The ICWI 2012 was organized by the International Association for Development of the Information Society (IADIS).

The purpose of this Conference was to serve as 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. Its broad areas of interest were Web 2.0, Semantic Web and XML, Applications and Uses, Services, Architectures and Web Development and Research Issues.



This conference had 201 submissions from more than 33 countries. Each submission had been blindly 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 49 full papers, which meant that the acceptance rate was 25%. A few more papers had been accepted as short papers, reflection papers, and poster/demonstrations.

Extended versions of the best papers were published in selected journals, especially in the IADIS International Journal on WWW/Internet (ISSN: 1645-7641) and in other selected journals.



The conference program was divided into 16 parallel papers sessions that included the presentation of full papers, reflection papers, short papers and posters. Besides the presentation of full papers, short papers, reflection papers, and posters presentations also included two keynote presentations from internationally distinguished (Professor Irwin King, The Chinese University of Hong Kong, Hong Kong and Dr. Ricardo Baeza-Yates, VP of Yahoo! Research, Barcelona, Spain).



Keynote Presentation:

“SOCIAL COMPUTING IN THE E-ERA”



by Professor Irwin King, The Chinese University of Hong Kong, Hong Kong

Keynote Presentation:

“USER ENGAGEMENT IN THE WEB: THE NETWORK EFFECT MATTERS”



by Dr. Ricardo Baeza-Yates, VP of Yahoo! Research, Barcelona, Spain

In general the Conference served as a forum that gathered researchers, practitioners, students and anyone that was working or studying in the field of the Information Systems.

The Conference Proceedings were published both in:

Book format (ISBN: 978-989-8533-09-8) and CD-ROM (ISBN: 978-989-8533-10-4).



Program Committee Members:

Abdolhossein Sarrafzadeh, UNITEC New Zealand, New Zealand

Agostino Poggi, Universitat Degli Studi Di Parma, Italy

Alberto Barrón-Cedeño, Universitat Politècnica de Catalunya, Spain

Alessandro Soro, Crs4, Italy

Alexander Schill, TU Dresden, Germany

Alexander Trousov, IBM Dublin Center for Advanced Studies, Ireland

Alexander Woehrer, St. Poelten University of Applied Sciences, Austria

Alexiei Dingli, University Of Malta, Malta

Ana Feroso, Universidad Pontificia De Salamanca, Spain

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, Insitute of Telematics, University of Luebeck, Germany

Angélica Antonio, Universidad Politécnica De Madrid, Spain

Anirban Kundu, West Bengal University Of Technology, India

Antonio Reyes, Instituto Superior de Intérpretes y Traductores, Mexico

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

Asadullah Shaikh, Universitat Oberta de Catalunya, Spain

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

Bo Hu, Universität Der Bundeswehr München, Germany

Brahmananda Sapkota, University Of Twente, Netherlands

Carsten Ulrich, Shanghai Jiao Tong University, China

Charlie Abela, University Of Malta, Malta

Chih Cheng Hung, Southern Polytechnic State University, USA

Christos Bouras, University Of Patras, Greece

Christos Georgiadis, University Of Macedonia, Thessaloniki, Greece

Christos Katsanos, Hellenic Open University, Greece

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

David F Barrero, Universidad De Alcalá, Spain

Debajyoti Mukhopadhyay, Maharashtra Institute of Technology Pune, India

Demetrios Sampson, University Of Piraeus, Greece

Diana Andone, Politehnica University Of Timisoara, Romania

Diana Pérez Marín, Universidad Rey Juan Carlos, Spain

Dimitrios Rigas, De Montfort University, United Kingdom

Dirk Thissen, Rwth Aachen, Germany

Dongqiang Yang, Flinders University, Australia

Elena Calude, Massey University At Albany, New Zealand

Elias Kirche, Florida Gulf Coast University, USA

Elif Ubeyli, Tobb Economics And Technology University, Turkey

Eloisa Vargiu, Barcelona Digital, Spain

Erick López Ornelas, Universidad Autónoma Metropolitana - Cuajimalpa, Mexico

Erik Cambria, National University Of Singapore, Singapore

Evangelos Sakkopoulos, University Of Patras, Greece

Ezendu Ariwa, London Metropolitan University, United Kingdom

Fan Zhao, Florida Gulf Coast University, USA

Florence Sedes, Universite Paul Sabatier Of Toulouse, France

Florin Pop, University Politehnica Of Bucharest, Romania

Francesco Pagliarecci, Università Politecnica delle Marche, Italy

Gavin Mcardle, National Centre for Geocomputation, National Unive, Ireland

George Gkotsis, University Of Warwick, United Kingdom

George Koutromanos, University Of Athens, Greece

George Vouros, University Of Piraeus, Greece

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

Giuseppe Patane, Cnr-imati, Italy

Gonzalo Rojas Durán, University Of Concepcion, Chile

Gustavo Rossi, Universidad Nacional De La Plata, Argentina

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

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

Hetal Jasani, Northern Kentucky University, United States

Holger Hinrichs, University Of Applied Sciences Lübeck, Germany

Horst Hellbrück, University Of Applied Sciences Lübeck Horst, Germany

Ioan Toma, University Innsbruck, Austria

Irwin King, Chinese University Of Hong Kong, Hong Kong

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

Jamshid Shanbehzadeh, Tarbiat Moallem University, I. R. Iran

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, University of Applied Sciences Ostwestfalen-Lippe, Germany

Jinjun Chen, Swinburne University Of Technology, Australia

John Garofalakis, University of Patras, Greece

Jörg Roth, University Of Applied Sciences Nuremberg, Germany

Jorge Fox, Formal Methods Group, ISTI-CNR, Italy

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

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

Julie Yazici, Florida Gulf Coast University, USA

Kai Jakobs, RWTH Aachen University, Germany

Karl-heinz Krempels, RWTH Aachen University, Germany

Konstantinos Kotis, University Of The Aegean, Greece

Krzysztof Walkowiak, Wroclaw University Of Technology, Poland

Lazaros Iliadis, Democritus University Of Thrace, Greece

Liliana Ardissono, Università Degli Studi Di Torino, Italy

Liping Liu, University Of Akron, USA

Loris Penserini, Future and Emerging Technologies, Belgium

Luca Spalazzi, Polytechnic University Of Marche, Italy

Lucia Rapanotti, The Open University, United Kingdom

Manolis Tzagarakis, University Of Patras , Greece

Mara Nikolaidou, Harokopio University Of Athens, Greece

Margarida Romero, ESADE, Spain

Margherita Antona, ICS - FORTH, Greece

Maria Bielikova, Slovak University Of Technology, Slovakia

Maria Claudia Buzzi, CNR - IIT, Italy

María Del Puerto Paule Ruíz, University Of Oviedo, Spain

María Isabel Sánchez-Segura, Universidad Carlos Iii De Madrid, Spain

Martin Gaedke, Chemnitz University Of Technology, Germany

Massimo Marchiori, Unipd/ Utilabs, Italy

Maurizio Vincini, Università' Di Modena E Reggio Emilia, Italy

Max J. Egenhofer, University of Maine, USA

Maytham Safar, Kuwait University, Kuwait

Michael Hartle, independent, Germany

Michal Wozniak, Wroclaw University Of Technology, Poland

Michalis Vaitis, University of the Aegean, Greece

Miguel-Angel Sicilia Urbán, University Of Alcalá, Spain

Miroslav Bures, Czech Technical University In Prague, Czech Republic

Muhammad Akram Shaikh, Tsinghua University, China

Naseem Memon, Mehran University Of Engineering And Technology, Pakistan

Niki Lambropoulos, London South Bank University, United Kingdom

Nikos Karacapilidis, University Of Patras, Greece

Nikos Karousos, University Of Patras, Greece

Nikos Tsirakis, University Of Patras, Greece

Omair Shafiq, University Of Calgary, Canada

Ourania Hatzi, Harokopio University Of Athens, Greece

Panagiotis Metaxas, Wellesley College, USA

Paolo Rosso, Universidad Politécnica De Valencia, Spain

Perla Velasco, Centre for Matematical Research, Mexico

Prashant R. Nair, Amrita University, India

Raquel Hervas, Universidad Complutense de Madrid, Spain

Robert Burduk, Wroclaw University Of Technology, Poland

Robert Goodwin, Flinders University, Australia

Robert Stahlbock, University Of Hamburg, Germany

Rocío Abascal Mena, Universidad Autónoma Metropolitana – Cuajimalpa, Mexico

Rui Lopes, Google, USA

Runa Jesmin, University Of London, United Kingdom

Samad Kolahi, Unitec Institute Of Technology, New Zealand

Sattanathan Subramanian, Uni Computing, Norway

Scott Overmyer, Nazarbayev University, Kazakhstan

Sheila Reinehr, Catholic University Of Paraná, Brazil

Sodel Vazquez Reyes, Universidad Autónoma de Zacatecas, Mexico

Sotiris Karetsos, Agricultural University Of Athens, Greece

Stefan Dietze, The Open University, United Kingdom

Stefan Fischer, Universität Zu Lübeck, Germany

Stefan TraUSAn, University Politehnica Of Bucharest, Romania

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

Tomas Folytnek, Mendel University In Brno, Czech Republic

Torsten Reiners, Curtin University, Australien

Vassilis Kapsalis, Technological Educational Institute of Patras, Greece

Vic Grout, Glyndwr University, Wales, United Kingdom

Viviana Patti, University of Torino, Italy

Yogesh Deshpande, University Of Western Sydney, Australia

Yuanbo Guo, Microsoft, USA

Zhixian Yan, EPFL, China