



Sunny Lisbon, Portugal, was the host of the 4th edition of the International Conference WWW/Internet during 19-22 October, 2005.

This conference was organized by the International Association for Development of the Information Society (IADIS) and supported by Programa Operacional Ciência, Tecnologia, Inovação do Quadro Comunitário de Apoio III.

As the previous editions, the intention of this Conference was to provide a forum to gather researchers, practitioners, students and anyone who worked or studied in the field of WWW/Internet.

The submissions were accepted under the following fifty seven areas: Accessibility; Adaptive Web Systems; Collaboration; Computer-Mediated Communication; Data Mining; Database Planning and Development; Digital Economy; Digital Libraries and E-Publishing; Distributed and Parallel Applications; E-Business and E-Commerce; E-Government; E-Learning; Electronic Data Interchange; Quality, Evaluation and Assessment; Extensible Languages; Global Tendencies in WWW/Internet; Groupware; Human Computer Interaction; Hypermedia; Information Architectures; Information Visualization; Intelligent Agents; Interfaces; Internet & Customer Relationship Management; Internet Payment Systems; Internet Services; Languages; Metadata; Performance Issues; Personalized Web Sites and Services; Portal strategies; Protocols and Standards; Searching and Browsing; Security Issues; Semantic Web; Social & Legal Issues; Storage Issues; System Integration; Teaching and Learning Strategies; Technology Innovation and Competitiveness; Technology Management; Technology Strategies; Tele-Work; WWW/Internet Applications; WWW/Internet Case studies; WWW/Internet Impacts; Web Engineering; Web Personalization; Web Software; Wireless Applications; Ubiquitous Computing; Usability; User Modelling; Virtual Communities; Virtual Reality; XML.



This edition had about 269 submissions from more than 41 countries. Each submission had been anonymously reviewed by at least two independent reviewers, to ensure the final high standard of the accepted submissions. From this reviewing process it was obtained the approval of 59 full papers, which meant that the acceptance rate was below 23%. A few more papers had been accepted as short papers and posters.

Extended versions of the best papers were selected to be published in the IADIS International Journal on WWW/Internet (IJWI). ISSN: 1645-7641



Besides the presentation of full, short and reflection papers, posters and a doctoral consortium, the conference also included three keynote presentations from Dr. Nian-Shing Chen, Professor & Chairman, Department of Management of Information System, National Sun-Yat-Sen University, Professor Mike Jackson, University of Central England, Birmingham, UK and Dr. David Wainwright, Northumbria University, UK.

Keynote Presentation:

“MOBILE CYBER OFFICE: CONCEPTS, DESIGNS AND IMPLEMENTATIONS”



by Dr. Nian-Shing Chen, Professor & Chairman, Department of Management of Information System, National Sun-Yat-Sen University

Keynote Presentation:

“THE DECLINE AND FALL OF THE SEARCH ENGINE EMPIRE”



by Professor Mike Jackson, University of Central England, Birmingham, UK

Keynote Presentation:

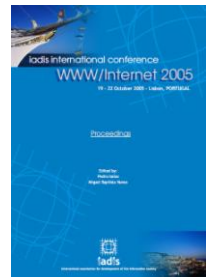
“A WALK ON THE SOFT SIDE: ORGANIZATIONAL ANALYSIS AS A MEANS TO MORE EFFECTIVE ICT ADOPTION AND USE”



by Dr David Wainwright, Reader in Information Systems, School of Computing, Engineering and Information Sciences, Northumbria University, UK

The WWW/Internet 2005 Conference Proceedings was published both in Book divided into two volumes (ISBN: 972-8924-02-X) and CD-ROM (ISBN: 972-8924-04-6).

The WWW/Internet conference 2005 offered a rich experience exchange between the academic & research institutions and the industry on diverse themes related to the Internet and Web.



Program Committee Members:

Adel Abunawass, State University of West Georgia, USA

Agustín Cernuda del Río, Oviedo University, Spain

Aitor de la Puente Salán, University of Oviedo, Spain

Akio Koyama, Yamagata University, Japan

Alessandro Micarelli, University of "Roma Tre", Italy

Alexander Kröner, DFKI, Germany

Alexander Schill, TU Dresden, Germany

Alexander Wöhrer, University of Vienna, Austria

Alvaro Ortigosa, Universidad Autónoma de Madrid, Spain

Ana Regina Cavalcanti da Rocha, Centroin, Brazil

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

Andre Trudel, Acadia University, Canada

Andrea Kienle, University of Dortmund, Germany

Andrea Rodriguez, Universidad de Concepción, Chile

Andreas Albers, T-Mobile Stiftungsprofessur für M-Commerce, Germany

Andreas Hotho, Universität Kassel, Germany

Andreas Schrader, University of Lübeck, Germany

Angela Guercio, Hiram College, USA

Angélica de Antonio, Universidad Politécnica de Madrid, Spain

Angelo Di Iorio, University of Bologna, Italy

Anna Maddalena, University of Genova, Italy

Anthony Savidis, ICS-Forth, Greece

Antonio de Amescua, Universidad Carlos III de Madrid, Spain

Anupriya Ankolekar, Carnegie Mellon University, USA

Anurag Saxena, Indira Gandhi National Open University, India

Arnaldo Belchior, University of Fortaleza, Brazil

Axel Polleres, DERI, Austria

Aykut Firat, Northeastern University, USA

Bamshad Mobasher, DePaul University, USA

Barbara Catania, University of Genova, Italy

Benno Stein, University of Paderborn, Germany

Bernard Espinasse, Université d'Aix-Marseille, France

Bernhard Jung, University of Lübeck, Germany

Bettina Berendt, Humboldt University Berlin, Germany

Blaz Novak, J. Stefan Institute, Slovenia

Boris Motik, Forschungszentrum Informatik, Germany

Cai-Nicolas Ziegler, Albert-Ludwigs University, Germany

Carmen Barrera, UNED, Spain

Carsten Griwodz, University of Oslo, Norway

Christian Kaspar, Georg-August-Universität Göttingen, Germany

Christof van Nimwegen, Utrecht University, The Netherlands

Chyi-Ren Dow, Feng Chia University, Taiwan

Claudia Buzzi, CNR-IIT, Italy

Cristina Baroglio, Università Degli Studi Di Torino, Italy

Curt Cramer, Universität Karlsruhe, Germany

Daniel Burgos, Open University, The Netherlands

Daniel Cunliffe, University of Glamorgan, United Kingdom

Daniel Rocco, University of West Georgia, USA

David Buttler, Lawrence Livermore National Laboratory, USA

Demetrios Sampson, University of Piraeus, Greece

Dimitrios Rigas, University of Bradford, United Kingdom

Dimitris Papadias, Hong Kong University of Science and Technology, Hong Kong

Dina Goren-Bar, Ben-Gurion University, Israel

Dirk Thissen, RWTH Aachen, Germany

Dominic Heutelbeck, University of Hagen, Germany

Dunja Mladenic, J. Stefan Institute, Slovenia

Elhadi Shakshuki, Acadia University, Canada

Elias Kirche, Florida Gulf Coast University, USA

Emilia Mendes, The University of Auckland, New Zealand

Enrique Alfonseca, Universidad Autónoma de Madrid, Spain

Erica Melis, DFKI, Germany

Eva Söderström, University of Skövde, Sweden

Fabio Vitali, University of Bologna, Italy

Frank Schütz, TU München, Germany

Gabriele Kotsis, Johannes Kepler Universität Linz, Austria

Gerard Vreeswijk, Utrecht University, The Netherlands

Giancarlo Ruffo, University of Torino, Italy

Giovanna Guerrini, University of Pisa, Italy

Gottfried Vossen, Universität Münster, Germany

Guido Roessling, TU Darmstadt, Germany

Gustavo Rossi, Universidad Nacional de La Plata, Argentina

Hans Schlichter, TU München, Germany

Hans Weghorn, BA-University of Cooperative Education, Germany

Hartmut Ritter, Freie Universität Berlin, Germany

Heiko Tapken, Universität Oldenburg, Germany

Henrique Paques, Georgia Institute of Technology, USA

Henry Oinas-Kukkonen, University of Oulu, Finland

Ian van der Linde, University of Texas, USA

Idris Rai, Lancaster University, United Kingdom

Ismael Sanz Blasco, University Jaume I, Spain

Ismail Khalil Ibrahim, Johannes Kepler University Linz, Austria

Itai Yarom, The Hebrew University of Jerusalem, Israel

Ivan Tomek, Acadia University, Canada

Jacek Kopecký, DERI, Austria

Jaime Ramírez, Universidad Politécnica de Madrid, Spain

Jaime Sánchez, University of Chile, Chile

James Carr, University of Newcastle, United Kingdom

James Thong, Hong Kong University of Science and Technology, Hong Kong

Janez Brank, Jozef Stefan Institute, Slovenia

Jean-Marc Seigneur, Trinity College Dublin, Ireland

Jessica Rubart, ORGA Kartensysteme, Germany

Jesús Boticario, UNED, Spain

Jianhua Ma, Hosei University, Japan

Jochen Schiller, Freie Universität Berlin, Germany

Jörg Leukel, University of Duisburg-Essen, Germany

Jörg Roth, University of Hagen, Germany

Juan Manuel Cueva Lovelle, Oviedo University, Spain

Juan Manuel Pérez, University Jaume I, Spain

Juan Pedro Caraça-Valente, Universidad Politécnica de Madrid, Spain

Juergen Hofer, University of Innsbruck, Austria

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

Kai Jakobs, Aachen University, Germany

Kai Koster, Kosmicon, Germany

Kaj Grønbæk, University of Aarhus, Denmark

Karina Villela, Universidade Salvador, Brazil

Kiduk Yang, Indiana University, USA

Kinshuk, Massey University, New Zealand

Klaus Wehrle, University of Tübingen, Germany

Lars Schmidt-Thieme, University of Freiburg, Germany

Leonard Barolli, Fukuoka Institute of Technology, Japan

Li Yang, University of West Georgia, USA

Liliana Ardissono, Università Degli Studi Di Torino, Italy

Loris Penserini, ITC-IRST, Italy

Luca Spalazzi, Polytechnical University of Marche, Italy

Lucia Giraffa, PUCRS, Brazil

Lucia Rapanotti, The Open University, United Kingdom

Makoto Takizawa, Tokyo Denki University, Japan

Manuel Kolp, Université Catholique de Louvain, Belgium

Manuel Montes y Gomez, INAOE, Mexico

Marco Mesiti, Università degli Studi di Genova, Italy

Marcos González Gallego, University of Oviedo, Spain

Margherita Antona, ICS-FORTH, Greece

María del Puerto Paule Ruíz, University of Oviedo, Spain

Maria Esther Vidal, Universidad Simon Bolívar, Venezuela

María Isabel Sánchez-Segura, Universidad Carlos III de Madrid, Spain

Mark Claypool, Worcester Polytechnic Institute, USA

Marko Schuba, Ericsson Research, Germany

Markus Anding, University of Munich, Germany

Martin Gaedke, University of Karlsruhe, Germany

Martin Hepp, University of Innsbruck, Austria

Martin Wessner, Fraunhofer IPSI, Germany

Martin Wimmer, TU München, Germany

Martina Gerst, The University of Edinburgh, United Kingdom

Massimo Marchiori, University of Venice, Italy

Mathias Bauer, DFKI, Germany

Matteo Baldoni, Università degli Studi di Torino, Italy

Maurizio Vincini, Università di Modena e Reggio Emilia, Italy

Max J. Egenhofer, University of Maine, USA

Maytham Safar, Kuwait University, Kuwait

Michael Koch, Universität Bremen, Germany

Michael Schrefl, Johannes Kepler University Linz, Austria

Michael Welzl, University of Innsbruck, Austria

Michel Klein, Vrije Universiteit Amsterdam, The Netherlands

Michela Bertolotto, University College Dublin, Ireland

Miguel-Angel Sicilia, University of Alcalá, Spain

Mike Smith, Anglia Polytechnic University, United Kingdom

Mikhail Alexandrov, Universidad Politécnica de Valencia, Spain

Milos Kravcik, Fraunhofer Gesellschaft, Germany

Narayana Jayaram, London Metropolitan University, United Kingdom

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

Neil Smith, The Open University, United Kingdom

Nick Gehrke, University of Göttingen, Germany

Nicola Henze, University of Hannover, Germany

Nigel Collier, National Institute of Informatics, Japan

Nikolaos Avouris, University of Patras, Greece

Nikos Karacapilidis, University of Patras, Greece

Nitya Karmakar, University of Western Sydney, Australia

Nor Adnan Yahaya, Malaysia University of Science and Technology, Malaysia

Olga Santos Martín, UNED, Spain

Oliver Haase, Lucent Bell Labs Research, USA

Panayiotis Zaphiris, City University, United Kingdom

Pang-Ning Tan, Michigan State University, USA

Paolo Bresciani, ITC-IRST, Italy

Paolo Massa, ITC-IRST, Italy

Paolo Rosso, Universidad Politécnica Valencia, Spain

Pat Gannon-Leary, Northumbria University, United Kingdom

Paul Smith, Lancaster University, United Kingdom

Peter Brusilovsky, University of Pittsburgh, USA

Pilar Rodríguez, Universidad Autónoma de Madrid, Spain

Rainer Eckstein, Humboldt-Universität zu Berlin, Germany

Ralf Ackermann, Darmstadt University of Technology, Germany

Raluca Bunduchi, University of Edinburgh, United Kingdom

Ramesh C. Sharma, Indira Gandhi National Open University, India

Riccardo Torlone, Università Roma Tre, Italy

Rob Griffiths, The Open University, United Kingdom

Robert Goodwin, Flinders University, Australia

Robin Laney, The Open University, United Kingdom

Rosa Carro, Universidad Autónoma de Madrid, Spain

Rossano Schifanella, Università degli Studi di Torino, Italy

Roxana Danger, Universitat Jaume I, Spain

S K Pulist, Indira Gandhi National Open University, India

Samar Saha, Silicon Storage Technology, Inc., USA

Samson Cheung, University of Kentucky, USA

Scott Milne, University of Dundee, United Kingdom

Serge Garlatti, GET – ENST, France

Shawn Newsam, Lawrence Livermore National Laboratory, USA

Sherman Alpert, IBM T. J. Watson Research Center, USA

Shivakant Mishra, University of Colorado, USA

Spiridon Bakiras, Hong Kong University of Science and Technology, Hong Kong

Stefan Figge, Johann Wolfgang Goethe-University Frankfurt a. Main, Germany

Stefan Fischer, Universität zu Lübeck, Germany

Stefan Gessler, NEC Europe Ltd. Network Laboratories, Germany

Stephan Bloehdorn, Universität Karlsruhe, Germany

Stephane Bressan, National University of Singapore, Singapore

Steven Demurjian, The University of Connecticut, USA

Thinh Nguyen, Oregon State University, USA

Timothy Shih, Tamkang University, Taiwan

Tina Eliassi-Rad, Lawrence Livermore National Laboratory, USA

Tomoo Inoue, University of Tsukuba, Japan

Tomoya Enokido, Tokyo Denki University, Japan

Tsvi Kuflik, University of Haifa, Israel

Vanessa Evers, University of Amsterdam, The Netherlands

Vic Grout, University of Wales, United Kingdom

Vinsensius Vega, National University of Singapore, Singapore

Viviana Mascardi, University of Genova, Italy

Volker Schmitz, University of Essen, Germany

Wei Han, IBM Almaden Research Center, USA

Wei Tang, NCR Corporation Teradata Division, USA

Wei Wang, The University of New South Wales, Australia

Weigeng Wang, The University of Manchester, United Kingdom

Weiqin Chen, University of Bergen, Norway

Wolfgang Woerndl, TU München, Germany

Ying Ding, University of Innsbruck, Austria

Yingcai Xiao, The University of Akron, USA

Yogesh Deshpande, University of Western Sydney, Australia

Yufei Tao, City University of Hong Kong, Hong Kong

Zvi Topol, The Hebrew University of Jerusalem, Israel