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Proceedings of the International Conferences
ICT, Society and Human Beings 2014,
Web Based Communities and Social Media 2014,
e-Commerce 2014,
Information Systems Post-implementation and Change Management 2014
and e-Health 2014

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iadis
international association for development of the information society
FOREWORD

These proceedings contain the papers of the International Conferences on ICT, Society and Human Beings 2014, Web Based Communities and Social Media 2014, e-Commerce 2014, Information Systems Post-implementation and Change Management 2014 and e-Health 2014 which was organised by the International Association for Development of the Information Society 17–19 July, 2014. These conferences are part of the Multi Conference on Computer Science and Information Systems 2014, 15-19 July, which had a total of 783 submissions.

The effects of ICT on human beings as well as the interaction between ICT, individuals, and society are all within the focus of this conference. Both analyses of interactions and effects are important. Changes in behaviour, perspectives, values, competencies, human and psychological aspects and feelings are all of interest. Reflections on past, present, and future challenges – especially planning for handling the latter - are encouraged.

Today, computer science and ICT-related disciplines are working more and more together with various behavioural and social sciences including child psychology and developmental psychology. For this reason, the conference pays attention to societal changes, global and more local organisational and institutional changes, changes in values and in lifestyles, as well as individual cognitive effects and changes, motivational and emotional changes. It also appeals to solution-building in terms of desirable goals and actions for reaching a Good Information Society.

In general all types of research strategies are encouraged, and especially cross-disciplinary and multi-disciplinary studies. Case studies, broader empirical field studies, theoretical analyses, cross-cultural studies, scenarios, ethnographic studies, epistemological analyses may all be presented.

The ICT, Society and Human Beings (ICT) conference addresses in detail seven main aspects:
- Globalization and ICT
- Life environment and ICT
- Life role and ICT
- ICT and effects on humans
- Perspectives on ICT
- Desirable goals and ICT
- Actions for reaching the Good Information Society

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 your professional and private life through several new media such as LinkedIn, Twitter, Plaxo, etc. In order to keep you up to date with the pace of these new technological developments this Conference offers a dedicated overview and informative discussion on today’s most relevant issues in new media for social life on the web.
Social Media are growing rapidly and play an increasingly important role in the development of Online Communities. Social Network Sites and Web-based communities announce themselves both in your professional and private life through new media such as Facebook, LinkedIn, Twitter, Plaxo, etc. Social media allow more dynamic roles in participation, virtual presence and online communities. These new ways to communicate via online social media have great societal effects and are motivating the creation of best practices to help individuals, corporations and authorities to make the best of it. It raises the awareness of the growing impact of social media and the influence of web based communities in today’s users / consumers behavior; many organizations spend an increasing share of their budget in online social marketing strategies.

The mission of the Web Based Communities and Social Media (WBC) conference is 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 6 main topics:
- The History, Architecture and Future of Virtual Communities
- Group Processes and Self-Organization
- Cyborgs, Teleworking, Telemedicine, Art Games and Learning Communities
- Expanding Markets through Virtual Communities
- Virtual Communities for People with Special Needs
- Social Media

The e-Commerce (EC) 2014 conference is a major international and interdisciplinary event for researchers, academics, industry specialists, practitioners & students interested in the advances in, and applications of e-Commerce. Participants will have an opportunity to present and observe the latest theories, models and results in these areas. This conference aims to cover both technological as well as non-technological issues related to this new business paradigm.

The Conference invites proposals from the introductory through advanced level on all topics related to e-Commerce. Proposals which address the theory, research and applications as well as describe innovative projects are encouraged. The following 5 main areas have been the object of paper and poster submissions within specific topics:
- Commerce Technology;
- Global e-Commerce;
- Online Management;
- Online Business Models;
- Regulatory/Policy Issues.

The Information Systems Post-implementation and Change Management Conference (ISPCM 2014) aims to provide a forum for the discussion of IS in such a sociotechnological perspective. It aims to address the issues related to use, exploitation, maintenance of IS in organizations, focusing on the post-implementation phase of the IS life-cycle.
It aims at discussing the impacts and effects of the introduction of new technological artifacts in human activity systems and exploring the much need management of these processes. The conference aims to discuss these issues in the context of IS professional practice, research and teaching.

Submissions were accepted under the following 6 main topics:
- IS Change Management in Practice and Organisational Processes
- Post-implementation Change Management and Risk Thinking
- IS Professional Issues
- Change Management Processes
- IS Development: Cycle and Change Management
- Research Methods and Methodologies in Post-Implementation and Change Management

The use of ICTs (Information and Communication Technologies) in Healthcare Services is the main mechanism to improve efficiency and effectiveness. The e-Health (EH) 2014 conference aims to draw together information systems, practitioners and management experts from all quadrants involved in developing computer technology to improve healthcare quality.

Submissions were accepted under the following 3 main areas in the field of e-health within specific topics:
- Research Issues
- Management Issues
- Applications

These events received 223 submissions from more than 34 countries. Each submission has been anonymously reviewed by an average of five independent reviewers, to ensure that accepted submissions were of a high standard. Consequently only 36 full papers were approved which means an acceptance rate of 16%. A few more papers were accepted as short papers, reflection papers and posters. An extended version of the best papers will be published in the IADIS International Journal on Computer Science and Information Systems (ISSN: 1646-3692) and/or in the IADIS International Journal on WWW/Internet (ISSN: 1645-7641) and also in other selected journals, including journals from Inderscience. Also, an extended version of the best papers of the Web Based Communities and Social Media will be published in the International Journal of “Web Based Communities” (IJWBC); ISSN: 1477 - 8394 (4 issues per year).

Besides the presentation of full papers, short papers, reflection papers and posters the conference also included four keynotes presentations from internationally distinguished researchers. We would therefore like to express our gratitude to Dr. Niki Lambropoulos, Wire Communications Laboratory, University of Patras, Greece & Global Operations Division, London, UK; Professor Jari Salo, Department of Marketing, University of Oulu, Finland, Prof. Dr. Wim Van Grembergen, University of Antwerp & Antwerp Management School, Information Technology Alignment and Governance Research Institute, Belgium and Dr Adel Taweel, King’s College London, UK for accepting our invitation as keynotes speakers.
This volume has taken shape as a result of the contributions from a number of individuals. We are grateful to all authors who have submitted their papers to enrich the conference proceedings. We wish to thank all members of the organizing committee, delegates, invitees and guests whose contribution and involvement are crucial for the success of the conference.

Last but not the least, we hope that everybody will have a good time in Lisbon, and we invite all participants for the next edition, that will be held in Las Palmas Gran Canaria, Spain.

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