



World Computer Congress 2010

International Federation for Information Processing
Brisbane Convention & Exhibition Centre, Australia
20-23 September 2010

www.wcc2010.com



Call for papers

3rd IFIP International Conference on Artificial Intelligence in Theory and Practice

www.ifiptc12.org/ifipai2010



DeliverT

Conference topics

The IFIP International Conference on Artificial Intelligence in Theory and Practice (IFIP AI 2010) is the third in a series organized by IFIP Technical Committee 12 (Artificial Intelligence) and its Working Group 12.5. Authors should highlight the benefits of AI technology for industry and services. Papers describing advanced prototypes, systems, tools and techniques and general survey papers indicating future directions are also encouraged. Papers describing original work are invited in any of the areas listed below. Acceptance will be based on quality, relevance and originality, and, above all, on the practical value of the work. There will be both oral and poster presentations.

Industrial Applications of Artificial Intelligence
Speech and Natural Language Interfaces
Intelligent Decision Support Systems
Intelligent Agents
Integration of AI with other Technologies
Distributed AI Algorithms, Techniques, and Applications
Evaluation of AI System
Distributed AI Systems and Architectures
AI Languages, Programming Techniques and Tools
Intelligent Systems Engineering & Design Methodologies
Knowledge Acquisition
Structured and Unstructured Data Mining
Expert Knowledge-based Systems
Case-Based Reasoning Systems
Fuzzy Logic and Plausible Inference
Hardware and Robotics

Neural Network
Social Impact and Implications of AI
Evolutionary Computation and Algorithms
Business Process Management & Enterprise Portals
Intelligent Tutoring Systems
Ontologies and Semantic Web
Machine Vision
Knowledge and Information Management
Intelligent Information Retrieval
Learning and Adaptive Systems
Genetic Algorithms
Evolutionary Programming
Planning and Scheduling
Inter-organisational KM portals
Bayesian Networks and Stochastic Reasoning
Organisational Memory Knowledge Systems

Conference Chair

Tharam Dillon, Curtin University, Australia

Programme Chair

Max Bramer, University of Portsmouth, UK

Program Committee Members

Fabrizio Angiulli (DEIS, Università della Calabria, Italy)

Stefania Bandini (University of Milan, Italy)

Daniel Berrar (University of Ulster, Northern Ireland)

Alina Bogan-Marta (University of Oradea, Romania)

Max Bramer (University of Portsmouth, UK)

Maricela Bravo (Mexico)

Per Bjarne Bro (Chile)

Krysia Broda (Imperial College, London)

Luigia Carlucci Aiello (Italy)

Fabrice Colas (Leiden University, The

Netherlands)

John Debenham (Australia)

Yves Demazeau (CNRS - LIG Grenoble, France)

Vladan Devedzic (University of Belgrade, Serbia)

Tharam Dillon (Curtin University, Australia)

Graçaliz Pereira Dimuro (Brazil)

Gintautas Dzemyda (Lithuania)

Henrik Eriksson (Linköping University, Sweden)

Anabel Fraga (Spain)

Ana Garcia-Serrano (Spain)

Daniela Godoy (ISISTAN Research Institute, Argentina)

Enrique González (Colombia)

Nik Kasabov (New Zealand)

Nicolas Kemper Valverde (Mexico)

Joost N. Kok (Leiden University, The Netherlands)

Jasna Kuljis (Brunel University, United Kingdom)

Daoliang Li (China Agricultural University, Beijing)

Aurelio Lopez-Lopez (Mexico)

Ramon Lopez de Mantaras (Spain)

Suresh Manandhar (University of York, UK)

Edson Takashi Matsubara (Brazil)

Brian Mayoh (University of Aarhus, Denmark)

Eunika Mercier-Laurent (KIM, France)

Adolfo Neto (Brazil)

Erich J. Neuhold (University of Vienna)

Toyoaki Nishida (Kyoto University)

Daniel O'Leary (University of Southern California, USA)

Andrea Omicini (Italy)

Mihaela Oprea (University of Ploiesti, Romania)

Cristian Rusu (Chile)

Demetrios Sampson (Greece)

Silvia Schiaffino (ISISTAN Research

Institute, Argentina)

Mauricio Solar (Chile)

Georgina Stegmayer (Argentina)

Ahmed Tawfik (University of Windsor)

Eric Tsui (The Hong Kong Polytechnic University)

Wiebe van der Hoek (United Kingdom)

Ting Yu (University of Sydney, Australia)

Zdenek Zdrahal (The Open University, United Kingdom)

Alejandro Zunino (Argentina)

Important dates

Submission of papers: January 31, 2010
Notification to authors: April 20, 2010
Camera-ready copies: May 15, 2010

Instructions for paper submission

- Papers must not substantially overlap with papers that have been published or are simultaneously submitted to a journal or another conference with proceedings.
- Papers must be written in English; they should be at most 10 pages in total.
- Accepted papers will be presented at the conference and published in the IFIP AICT (Advances in Information and Communication Technology) Series by Springer.
- Submitted and accepted papers must follow the publisher's guidelines for the IFIP AICT Series (www.springer.com/series/6102, Author templates, Manuscript preparation in Word).
- At least one author of each accepted paper must register to the conference and present the paper.
- All papers must be submitted in electronic form through the web via www.ifiptc12.org/ifipai2010 by the deadline indicated above. Papers submitted after this deadline will be discarded without review.

The Congress

The World Computer Congress (WCC2010) will bring together IT research and industry sectors in one event. The congress will combine 18 IFIP conferences with partner conferences from other international and regional, specialist IT organisations.

The conference content will be presented in eight program streams. Delegates may attend any of the participating conference, industry or partner events as well as networking, social, technical tours and certification courses offered at the congress.



Deliver IT

- Wireless Communications and Information Technology in Developing Countries (WCITD 2010)
 - Biologically-Inspired Collaborative Computing (BICC 2010)
 - Distributed and Parallel Embedded Systems (DIPES 2010)
 - Artificial Intelligence in Theory and Practice (IFIP AI 2010)
 - Network of the Future (NF)
 - Enterprise Architecture, Integration, Interoperability and Networking (EAI2N)
 - Human Choice and Computers International Conference (HCC9 2010)
- Track 2: Virtual Technologies and Social Shaping



Trust IT

- International Information Security Conference (SEC 2010)
 - Critical Information Infrastructure Protection (CIP)
 - Human Choice and Computers International Conference (HCC9 2010)
- Track 3: Surveillance and Privacy



Value IT

- Theoretical Computer Science (TCS 2010)
- Human Computer Interaction (HCI 2010)



Learn IT

- Key Competencies in the Knowledge Society (KCKS 2010)
- History of Computing (HC)



Govern IT

- Global Information Systems Processes (GISP)
 - E-Government and E-Services (EGES)
 - Human Choice and Computers conference (HCC9 2010)
- Track 1: Ethics and ICT Governance



Treat IT

- E-Health (EHEALTH)



Sustain IT

- Human Choice and Computers International Conference (HCC9 2010)
- Track 4: ICT and Sustainable Development



Play IT

- Entertainment Computing Symposium (ECS 2010)