



# World Computer Congress 2010

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

[www.wcc2010.com](http://www.wcc2010.com)



ifip

## Call for papers

# Enterprise Architecture, Integration, Interoperability and Networking

<http://www.cit.gu.edu.au/ea/EAIIN2010.html>



DeliverT

## Conference topics

Enterprise Architecture (EA) and Enterprise Interoperability (EI) research and applications are two very important subjects in the development of enterprises and their supporting Information and Communication Technology (ICT), both in Industry and in Public Administration. However, the methodologies and tools have limited success and applications are mostly confined to the management of ICT. This conference investigates what new Methods and Tools are necessary and how future EA/EI will play a key role in the development of enterprises and supporting ICT. These methods and tools will support business decision making and provide technologies that help create and sustain new types of businesses. The solutions in the domain of EA/EI will allow enterprises to implement sustainable applications and to decrease the cost of the development and the implementation of their solutions. Topics include but are not limited to:

- Enterprise Integration / Interoperability Modelling & Methodologies
- Model-Based Systems Engineering
- Interoperability Design Principles
- Ontology for EA/EI Applications in various economics sectors
- Case Studies in Enterprise Integration and Enterprise Interoperability
- Enterprise Interoperability in collaborative networked organisations
- Enterprise model verification, validation, and negotiation in networks
- Cross-organizational business processes;
- EA accreditation. Reference models for Enterprise Interoperability
- Self-organisation and adaptation in EA and EI
- Role of data mining, warehousing, business intelligence in EA and EI
- Networked Business Models and Agility
- EA and EI in Mergers and Acquisitions
- Enterprise Integration / Enterprise Interoperability and SOA
- Enterprise Interoperability and MDI (Model Driven Interoperability)
- EA/EI and Business ICT alignment
- Enterprise Interoperability as a Science
- Coherency Management & Next Generation Enterprise Architecture
- EA/EI for Decision Support Tools and Business Management
- EA/EI Frameworks (practice and theory)
- Interoperability trends & standardization
- Combining Management Theory and EA/EI
- Maturity models and criteria to evaluate EI solutions
- EI requirements models and methods for some economics sectors
- Case study and experience reports in EA/EI solutions
- Human understanding and communication for EI
- EA/EI as support for Social and Organisational structures to create consensus, new organisational forms and cultural change

**Programme Committee Chairs**

Asia-Pacific - Peter Bernus, Griffith U, AU  
Europe - Guy Doumeingts, INTEROP-  
Vlab,B & Univ. of Bordeaux, FR  
Americas - Mark Fox, U Toronto

**International Steering Committee**

(Members of IFIP WG5.12 and 5.8)  
Peter Bernus Griffith U, AU  
Guy Doumeingts INTEROP-VLab,B & UoB,  
FR  
Yves Ducq U Bordeaux FR  
Nenad Filipovic IEDC, SI  
Mark Fox Novator & U of Toronto, CA  
Ted Goranson Earl, Research, USA  
John Gotze CPH Bus School, DK  
Michael Gruninger Utoronto, CA  
Roland Jochem IIS, Univ. Kassel, DE  
Pontus Johnson KTH, S  
Brane Kalpic ATK & IEDC, SI  
Stephan Kassel U Zwickau, DE  
Bernhard Katzy Cetim, U Munchen, DE  
Kurt Kosanke CIMOSA, DE  
Gyorgy Kovacs Sztaki, HU  
Lea Kutvonen U Helsinki, FI  
Richard Martin Tinwistle, USA  
Kai Mertins IPK, DE  
Arturo Molina Gutiérrez TEC Monterrey,  
MX  
Laszlo Nemes Nemes Cons, AU  
Ovidiu Noran Griffith U, AU  
Hervé Panetto U Nancy. FR  
David Romero Tec Monterrey, MX  
Pallab Saha NUS, Singapore  
Gunter Schmidt U Saarlandes, DE  
Pat Turner ASPL, AU  
Marten van Sinderen U Twente, NL  
Francois Vernadat ECA, EU (LX)  
Jakob Vlietsrta USA  
Georg Weichhart, U Linz, A  
Robert Weisman Buildthevision, CA  
Richard Weston Loughborough U, UK  
Xu Xiaofei HIT, PRC  
Djamal Zeglache, Telecom SudParis,  
France  
Martin Zelm CIMOSA, DE

**Programme Committee Members**

P.Assogna, IT  
A.D'Atri, IT  
M.Avram, RO  
S.Banerjee, GB  
S.Bansal, SG  
L.Basanez, ES

P.Bernus, AU  
J.Brosvic, US  
J.Browne, IE  
C.J.Bussler, US  
R.Chalmeta, ES  
V.Chapurlat, FR  
Y.Chen, CN  
D.Chen, FR  
I.Cruz, US  
P.Davidsson, SE  
P.De Sabbata, IT  
Z.Deng, NO  
T.Dimitrakos, GB  
A.Dolgui, FR  
G.Doumeingts, FR  
N.Dowler, GB  
Y.Ducq, FR  
J.Edwards, GB  
F.G.Fadel, CA  
I.Fan, GB  
F.Farinha, PT  
J.Favrel, FR  
L.Fernandez, ES  
C.Fichtenbauer, AT  
F.Filip, RO  
T.Fischer, DE  
M.Fox, CA  
Y.Fukuda, JP  
M.Garetti, IT  
P.Ghodous, FR  
R.Goncalves, PT  
T.Goranson, US  
M.Gruninger, US  
B.Guthridge, US  
G.Haidegger, HU  
K.Halpin, IE  
Z.Han, CN  
P.Heymans, BE  
R.Hutter, DE  
J.Huysentruyt, BE  
A.Inamoto, JP  
M.Jarke, DE  
M.Jeusfeld, NL  
R.Jochem, DE  
P.Johnson, S  
J.José Pinto Ferreira, PT  
L.Kalinichenko, RU  
B.Kalpic, SI  
S.Kassel, DE  
A.Kokossis, GB  
P.Kopacek, AT  
K.Kosanke, DE  
I.Kotsiopoulos, GR  
G.L.Kovacs, HU

L.Kutvonen, FI  
U.Lechner, DE  
C.Leong Ang, SG  
H.Li, US  
R.Meersman, BE  
K.Mertins, DE  
A.Molina, ME  
A.Molina Gutierrez, MX  
H.J.Molstand, DK  
J.Müller, DE  
J.Mylopoulos, CA  
K.Naujok, DE  
L.Nemes, AU  
C.Nikolaou, GR  
R.Nikolov, BG  
L.Obrst, US  
A.Opdahl, NO  
A.Ortiz, ES  
P.Oude Luttighuis, NL  
A.Pardasani, CA  
J.Paulo Almeida, NL  
H.Pingaud, FR  
R.Poler, ES  
S.Psonis, GR  
D.McRandal, GB  
S.Rehm, DE  
C.Rolland, FR  
N.Rozsenich, AT  
K.Sandkuhl, SE  
G.Schmidt, DE  
P.Schobbens, BE  
Y.Shibata, JP  
D.Shorter, GB  
R.Sommar, SE  
T.Tan, CN  
X.Tang, CN  
B.Vallespir, FR  
M.van Sinderen, NL  
F.Vernadat, FR  
J.Vesterager, DK  
C.di Vittorio, IT  
L.Vlacic, AU  
J.Vlietstra, US  
G.Weichhart, AT  
R.H.Weston, GB  
T.J.Williams, US  
N.Wognum, NL  
B.Wood, GB  
H.Wortmann, NL  
X.Xu, PRC  
C.Zhao, CN  
I.Zugasti, ES

# Important dates

Submission of papers: January 31, 2010  
Notification to authors: April 23, 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 12 pages in total, including bibliography and well-marked appendices. Papers should be intelligible without appendices, if any.
- 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](http://www.springer.com/series/6102), Author templates, Manuscript preparation in Word).
- At least one author of each accepted paper must register for the conference and present the paper. Inclusion of the paper will be dependent upon one registration for the paper.
- All papers must be submitted in electronic form through the web via [www.wcc2010.com](http://www.wcc2010.com) by January 31, 2010.

## 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)