



# 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)



## Call for papers

# 1st IFIP International Conference on Critical Information Infrastructure Protection

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



Trust IT

## Conference topics

At the 50th anniversary of the formation of the International Federation for Information Processing the simple fact that national economies and international commerce alike have become totally dependent upon the reliable and secure operation of national and global information infrastructures has been accepted. From the early days of 1960, with a perceived competitive advantage through computer usage, to today's acknowledgement of total dependence upon computer systems and integrated data networks on a global scale, the realization that the emerging digital economy in nation states as well as national security and societal well-being depend upon necessary critical information infrastructures has been accepted by governments and all enterprises worldwide. In particular the theme of CIP acknowledges that all basic or national critical infrastructures themselves, from electrical power systems to telecommunications structures to water/sewerage systems and so on, whether owned and operated by the public or private sector, depend fundamentally upon a national and critical information infrastructure. On a global scale the evidence is clear that nations as well as international enterprises of all natures in a global economy have moved to address this reality through relevant draft legislation, regulations, industry codes and the like. At the same time there is recognition at the United Nations level that the rapid and almost unchecked rise of cybercrime is a reality. At the same time there is also recognition that imperatives for national defence have moved into cyberspace as well. Even topics related to the position of information assurance at national levels; the political, ethical and legal position related to the use of "information operations" and appropriate responses to detected "cyber-attack"; the problems of "hardening" national information infrastructures through public sector leadership and like themes are now topics discussed in the open media globally. The topic of CIIP, NIIP, NCI, or whatever term is used to describe this change, of necessity brings together the skills of computers scientists and mathematicians, engineers, information technologists and others to combine with the vital efforts of legal professionals, public and defence policy researchers, social scientists and psychologists, political scientists and related disciplines to address a common goal to provide effective and acceptable solutions to the growing threats.

CIIP 2010 is an opportunity to address current thinking and research in these vital global concerns from an international perspective. The conference presents a unique opportunity, at a time when nationally, regionally and internationally associated policies and legal regimes are under development, to both ponder those activities as well as to provide research leadership at both technical and policy levels.

Topics include but are not limited to the following areas of interest:

Policy and legal frameworks for CIP/CIIP  
National, regional and international responses  
Private sector response  
Role of trusted and evaluated systems  
Economics/funding of CIP  
CIP in a Web 2/"Cloud" computing scheme  
Organisational structures to address CIP  
Roles/obligations of the ICT industry

Protection of SCADA systems  
Identification of critical subsystems  
Computer/network architecture for CIP  
"Hardening" national information systems  
National defence and CIP  
Education and training needs  
ICT structures for CIP needs  
Needs for CIP related applications

### Programme Committee Chairs

Professor Emeritus William J (Bill) Caelli, AO  
Senior Research Scientist  
Information Security Institute Queensland University of Technology

### Programme Committee Members

TBA

# 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)