1ST IFIP International Conference on
Critical Information Infrastructure Protection
CIP 2010

September 20-23, Brisbane, Australia
hosted as part of the IFIP World Computer Congress WCC 2010

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:

1. Policy and legal frameworks for CIP/CIIP	9. Protection of SCADA systems
2. National, regional and international responses	10. Identification of critical subsystems
3. Private sector response	11. Computer/network architecture for CIP
4. Role of trusted and evaluated systems	12. "Hardening" national information systems
5. Economics/funding of CIP	13. National defence and CIP
6. CIP in a Web 2/"Cloud" computing scheme	14. Education and training needs
7. Organisational structures to address CIP	15. ICT structures for CIP needs
8. Roles/obligations of the ICT industry itself	16. Needs for CIP related applications

Paper submission: You may submit full papers of up to 12 pages, or at least extended abstracts of around 3 to 5 pages that describe original research or thinking on the topics above or any other relevant matter. Papers should be submitted to the WCC 2010 website at http://www.wcc2010.org. Abstracts should provide a summary of the main results or themes under discussion or analysis. Relevant details in the paper should be such as to allow the program committee to assess the merits and significance of the paper. Such details may include appropriate references, comparative analyses, statistical data, experimental results and the like. The contribution must be unpublished and not submitted for publication elsewhere, including journals and the proceedings of other conferences, symposia or workshops. At least one author of each accepted paper must be present at the conference to present the paper. The proceedings will be published by Springer Science and Business Media, the official IFIP publisher. Further formatting guidelines can be found at the publisher's website http://springer.com/series/6102 or at the DIPES website.

Important dates: January 31st, 2010:   Submissions due
        April 20th, 2009:   Notification of acceptance
        May 15th, 2010:   Final papers due

URL: http://www.wcc2010.org

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