

**2006 International Conference on Hybrid Information Technology
ICHIT06**

<http://www.serg.or.kr/>

**November 9-11 2006
Cheju Island, S. KOREA**

A Call for a Paper for a Special Session

SPECIAL SESSION TITLE: Informatics for Strategy, Security & Intelligence

SCOPE

The definition of power according to the Webster's dictionary is possession of control, authority and/or influence over others although one may encounter some other definitions for different contexts such as in political sciences as the ability of one person to cause another to do what the first wishes, by whatever means.

One curious aspect of power is its constantly changing face. The land was power during the pre-industrial revolution times circa 1800s. And during the industrial revolution it revealed itself as being the steam-power as well as the electricity in early nineteenth century. The steel positioned itself as the new source of power during the world wars in between 1914 and 1945. Interestingly enough the nuclear power actually replaced the power of steel and thus marked the end of the second world war only to pave the way to cold war years in between 1950 and 1990 which were underlined by a nuclear power equilibrium. And it is the information this time as the most recent symbol of a power since 1980s which has been named as the information age. So, the newest format of the power is information.

And yet still a philosophical approach is also possible to the ever changing format of power as to whether the power is independent of our definitions for it or our definitions declare what the power is.

But from a different perspective the information itself is the collected and processed data for a specific purpose. And yet the intelligence is the tailored information in order to meet the demands of a specific customer. Or to put it boldly, the Intelligence is the process of supporting the policymakers in making their decisions by providing them with the specific information they need.

On the other hand the intelligence analysis is the effort of extracting the nature of intelligence issue with the policy goal in mind. With the increased open source collection capabilities, there has emerged a need for a model of intelligence analysis that covers the basic elements of valuable information: relevancy, accuracy, and timeliness. Other than modeling we may be in the need of new methodologies and software tools as well as policies for the whole intelligence cycle.

It is the aim of this specific "one-day special session" to discuss the above very briefly mentioned issues within the framework of ICHIT'06. Therefore, refereed paper submissions are solicited in all areas relating to "Informatics for Strategy, Security & Intelligence", which are including, but are not limited to, the following:

TOPICS

Digitalization of the intelligence cycle
Open Sources Intelligence
Informatics for Intelligence Analysis
Semantic Analysis in Intelligence
Information Retrieval & Knowledge Discovery in Open Sources Intelligence
Mathematical & statistical modeling regarding intelligence analysis
Probability based models, Vector space based models & other types of models
Algorithms and methodologies
Software tools for Intelligence cycle
Security and/or intelligence policies
Forensics
Emerging trends and applications

PAPER SUBMISSION, DEADLINES & PUBLICATION

- Paper format: Full paper, LNCS formatted, 10 pages maximum including references.

ACTION	DUE DATE
List of reviewers uploaded, A CfP for special sessions announced in ICHIT06 web pages & special session papers submission starts	September 1st 2006
Full Paper submissions until	September 24th 2006
Submission closes, review process starts	September 25th 2006
Review process ends	October 8th 2006
Author Notification of Acceptance/Rejection	October 9th 2006
Submission of accepted papers in camera-ready format	October 20th 2006

- Special Session date: To be announced soon
- ICHIT'06 Dates: November 9-12 2006

Attention: All deadlines are strict.

- The conference organizers are contacting a number of top scientific journals interested in publishing the special issues consisting of the extended and additionally revised ICHIT 2006 papers. Selected papers will be included as revised monographs in the following journals with special issue (this has been agreed with the respective editors in chief) or in [LNCS/LNAI Series](#)

[Asian Journal of Information Technology](#)

[Future Generation Computer Systems](#)

[International Journal of Data Mining and Bioinformatics](#)

[International Journal of Computational Intelligence Research](#)

[Journal of Environmental Informatics](#)

[International Journal of Multimedia and Ubiquitous Engineering](#)

[International Journal of Software Engineering and Its Applications](#)

[Journal of Security Engineering](#)

[Multiagent and Grid Systems](#)

WHERE AND HOW TO SUBMIT

- Please submit your FULL papers to <http://roughsets.home.pl/specials/>
- Please make sure that you specifically mark the session title while submitting.

SESSION COMMITTEE

Chair:

- Assoc. Prof. Ahmet Koltuksuz, Ph.D.
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PROFILE OF THE SESSION ORGANIZER

Dr. Koltuksuz was born in 1961, received his Masters Degree from the Computer Engineering Department of Aegean University with a thesis of “Computer Security Principles” in 1989. Earned his Ph.D. from the same Institution with a dissertation thesis of “Cryptanalytical Measures of Turkey Turkish for Symmetrical Cryptosystems” in 1995. And, subsequently appointed as an Assistant Professor. He moved to Izmir Institute of Technology, Department of Computer Engineering in 1996 and became a full-time, tenured Associate Professor within the same institution in 1999. Dr. Koltuksuz currently runs the Information Systems Strategy and Security Laboratory (<http://is3.iyte.edu.tr>) and his research interests are Cryptology, Theory of Numbers, Intelligence Analysis, Information Theory and that of Computer Forensics. Dr. Koltuksuz has held many international tutorials and speeches on above topics. He has also supervised numerous masters’ and Ph.D. theses on cryptography, cryptanalysis and open sources intelligence analysis.