

First International Workshop
“Scientific Analysis and Policy Support for Cyber Security” (SA&PS4CS’10)
at the Fifth International Conference “Mathematical Methods, Models, and
Architectures for Computer Networks Security” (MMM-ACNS-2010)

September 11, 2010
St.Petersburg, Russia
<http://www.comsec.spb.ru/saps4cs10/>

Conference Date:

September 11, 2010 (the workshop is planned on the last day of [MMM-ACNS-2010](#)).

Topics to be covered:

Cyber security is receiving a significant international attention given recent network attacks involving Russia, Estonia, USA, China and many other countries.

The workshop is dedicated to the methods of scientific analysis and policy support for response to cyber intrusions and attacks.

The main topics of the workshop:

- detection, discrimination, and attribution of various activities of malefactors
- response to cyber intrusions and attacks including national level information operations
- identifying emergent cyber technologies supporting social and political activity management and trans-national distributed computing management.

The workshop aims to bring together researchers and practitioners involved in multiple disciplines concerning scientific analysis and policy support for cyber security to exchange ideas and to learn the latest developments in this important field. We are planning to invite researchers from the Human Behavior, Network Security, Artificial Intelligence (mainly in the fields of intelligent data analysis, adversarial planning and game theory) and Autonomous Agents communities (mainly software agent technology) to integrate their respective technologies and develop a research agenda to detect and analyze attacks by Cyber Militias, detect and analyze the mechanisms used by Bot Armies, detect and block intrusions.

This workshop could promote internationally shared understanding of the technically supportable indications and warnings for various types of intrusions and attacks, from the isolated to the highly coordinated, and from the forensic to strategic.

The workshop is planned as policy-centric and not a platform for exposure and discussion of specific system vulnerabilities. Government agency attendance is encouraged.

Proposed List of Invited Speakers:

We intend to invite for participation in the workshop a number of worldwide recognized specialists in cyber security from the USA, Europe, Russia and other countries.

Main sponsors:

- European Office of Aerospace Research and Development, USA
- Office of Naval Research Global, USA
- Russian Foundation for Basic Research

Authors of accepted papers are expected to register and present the abstract of the paper at the Workshop.

The abstract of the paper must also be addressed to the workshop chair:

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