

CYBCONF 2015
2nd IEEE International Conference on Cybernetics
Gdynia Poland, 24-26 June 2015

<http://cybconf2015.am.gdynia.pl/KBSSD>

<http://www.isi.wat.edu.pl/kbssd2015/>

Special Session on Knowledge-based Systems in Security & Defence

KBSSD 2015

Introduction

Today, security and defence are being hot subjects both in the practical and scientific aspects of our life. Almost every day new threats to human have been permanently emerging within the broad areas of security and defence. The arising military and homeland threats (on land, in the air, on the water and in cyberspace) imply requirements of new solutions that support decision-makers on security and defence dilemmas. In order to manage both the strong interrelationships and uncertainty of threats, as well as ensuring defence capabilities, the new mathematical models and IT technologies are required. A lot of contemporary IT systems there are knowledge-based applications allowing anti-crisis and military processes to be executed with the assistance of information sensitive, intelligent computer tools.

List of topics:

- Models of Homeland Security Threats,
- Models of Military Threats,
- Cyber Security,
- Human Behaviour Modelling,
- Mission Recognition, Planning and Execution,
- Computational Intelligence,
- Graph-Based Knowledge Representation and Inference,
- Multi-Agent Based Systems,
- Multiresolution modelling and simulation,
- Heterogeneous and Distributed Simulation-based Systems,
- Serious Games in Training And Decision Support,
- Ontologies and Information Sharing,
- Multi-Sensor Data Fusion.

Information for authors

The submitted papers should present results of original and unpublished research. The papers will be reviewed by the CYBCONF 2015 International Program Committee. The best submissions will be selected for presentation and will be included in the conference proceedings. Papers must be prepared using IEEE templates for conference proceedings. All papers must be submitted electronically via the conference submission system.

Important dates

Paper submission:	March 1, 2015
Notification of acceptance:	April 15, 2015
Final paper submission and Early registration:	April 30, 2015
Conference:	June 24-26, 2015

Organizers

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