

2nd KES International Symposium
on
Intelligent Decision Technologies
IDT'10

Venue: Inner Harbor, Baltimore, Maryland, USA
28-30 July 2010

Web site : <http://idt-10.kesinternational.org>

Ontology for Command and Control
Invited Session

General questions: gwren@loyola.edu; or Lakhmi.jain@unisa.edu.au

Title of Session:	<i>Ontology for Command and Control</i>
Name of Chair:	<i>Andreas Tolk</i>
Name of Co-Chairs:	<i>Barry Smith</i> <i>Leslie Winters</i>
Description:	<p>Information Systems are often applied to support command and control, not only in the military domain. Agile command and control requires agile information sharing with an increasingly wide variety of partners with very different world and business views. Current “net-centric” approaches improve information sharing on the technical level, but they fall short when it comes to the alignment of interpretation not just ‘interpretation; surely of data, processes, and constraints. They do not support information sharing across the larger command and control domain.</p> <p>Intelligent Decision Technologies should bridge this gap. One of the most promising approaches to improve understanding and alignment as a presupposition of semantic interoperability between supporting systems is the use of ontologies.</p> <p>This invited session will present methods and applications of ontology-based methods, with a focus on Ontology for Intelligent Defence Decision Support. We will describe the underlying principles and provide success stories of such methods, and show how they can be used both within and without the defence domain.</p>
Website URL	http://ncorwiki.buffalo.edu/index.php/Ontology_for_Command_and_Control
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