



Knowledge Systems for Coalition Operations 2010

21-23 September 2010

Simon Fraser University, Vancouver, Canada

<http://ksco.info/ksco/ksco-2010.html>

The KSCCO-2010 conference will bring practitioners and key decision makers in coalition operation management together with researchers from areas of knowledge representation and reasoning, planning and multi-agent systems in order to exchange experience and ideas, share inspiration and suggest novel concepts. Practitioners benefit from meeting each other and from learning possibilities of research achievements while researchers get inspiration from each other and potential end users of their ideas.

CONFERENCE INFORMATION

KSCCO - Knowledge Systems For Coalition Operations is an international working group exploring research in Knowledge Systems for Coalition Operations. KSCCO regularly organizes a technical conference where practitioners and key decision makers in coalition operations management meet and discuss with researchers from areas of knowledge-based systems, planning and multi-agent systems, exchange experience and ideas, share inspiration and suggest novel concepts. It can also lead to joint project proposals. After successful events in Edinburgh, UK, Toulouse, France, Prague, Czech Republic, Waltham, MA, USA, and Southampton, UK, the next KSCCO event is to be held in Vancouver, Canada.

KSCCO-2010 welcomes submission of original research and application papers related to coalition operations management. Both full-length (10 page) and poster session (4 page) submissions are welcome. We will review theoretical, experimental, methodological papers, but we are especially interested in case studies, prototype evaluations and application reports. KSCCO organizers particularly encourage submission of reports presenting larger coalition related national and international projects and programs. Authors wishing to present emerging efforts, especially student projects, are encouraged to submit papers for the poster session. Key KSCCO topics include:

- Deployed systems, case studies
- Innovative theory and techniques for coalition formation
- Requirements for knowledge-based coalition planning and operations
- Knowledge-based approaches to command and control
- Knowledge-based approaches to coalition logistics
- Applications and requirements for knowledge-based coalition planning
- Knowledge-based approaches to Operations-Other-Than-War
- Multi-agent systems and the concept of agency in coalitions
- Tools and techniques for knowledge-based simulation and modeling of coalition operations
- Security and maintenance of private information or knowledge in coalition operations
- Autonomous vs. centrally managed coalition operations
- Mobility, agile and autonomous computing in coalition operation
- Cyberspace issues for coalitions
- Complexity issues and scalability in coalition operations
- Cross-cultural issues in coalition operations

IMPORTANT DATES

- Submission deadline: 18 June 2010
- Acceptance notification: 23 July 2010
- Final Papers deadline: 20 August 2010

SUBMISSION DETAILS

Interested authors should submit either full-length papers (10 pages maximum) or papers for the poster session (4 pages maximum) by e-mail to the program chair, James.Lawton@london.af.mil. Final formatting guidelines will be included with acceptance notifications, and will be posted to the conference web site (<http://ksco.info/ksco/ksco-2009.html>).

ORGANIZERS

- General Chair: Jitu Patel <jmpatel@dstl.gov.uk>, Dstl, UK
- Program Chair: James Lawton <James.Lawton@london.af.mil>, AFRL/EOARD, USA
- Conference Chair: Adel Guitouni <Adel.Guitouni@drdc-rddc.gc.ca> DRDC, Canada
- Other Organizing Committee Members:
 - Paul Losiewicz, ONR Global, USA in UK
 - Michal Pechoucek, Gerstner Laboratory, Czech Technical University, Prague, Czech Republic
 - Austin Tate, AIAI, The University of Edinburgh, UK
 - Gerhard Wickler, AIAI, The University of Edinburgh, UK

CONTACT

- Jitu Patel <jmpatel@dstl.gov.uk>

