CTFG Workshop 2015

CALL FOR PRESENTATIONS AND PARTICIPATION
The Fifth Canadian Tracking and Fusion Group Workshop
"Tracking and Fusion for Intelligence Based Decision Support"

16-18 November 2015, Ottawa (Canada)

http://groups.google.ca/group/ctfg • www.ctfg.ca

Canadian researchers and practitioners working on target tracking and information fusion for surveillance, with applications in civilian and defence domains, are invited to present their work describing advances, applications, and ideas. Presentations on all aspects of multitarget tracking and multi-sensor/multi-source information fusion, both theory and application, with submissions on established and emerging topics are encouraged. Accepted presentations will be included in the workshop CD. This workshop will also feature keynote speeches by distinguished experts in the field and new technology demonstrations by industry participants.

The group:
The Canadian Tracking and Fusion Group (CTFG) is a group of professionals working in the field of target tracking and information fusion. Currently, there are over 110 members from government, industry, and academia. For more information about the group please visit its website at www.ctfg.ca. To join, please visit the Google Groups site http://groups.google.ca/group/ctfg .

Objectives:
The CTFG workshop provides members from different sectors in Canada with a forum for discussing technologies that have a common relevance across many application domains, including land, air, space, maritime, underwater, cyber, etc. The discussions will not only help exchange information on the state-of-the-art in Canada, but also foster collaboration among various groups working on tracking and fusion. Specifically, the objectives of the workshop are: 1) discussing current topics of interest in various application areas; 2) understanding the needs of government and industry groups and linking them with the capabilities of university groups; 3) establishing sub-groups and benchmark problems to evaluate new and established technologies; and 4) identifying future directions for R&D in view of Canada's priorities.

Topics:
Unclassified presentations on any aspect of target tracking and data and information fusion for civilian and defence applications are acceptable. They may cover any aspect of target tracking and fusion, including, but not limited to, sensors, signal processing, detection, tracking, low-level fusion, high-level fusion, classification, resource management, information flow, performance evaluation, fusion architectures, decision systems, registration, software, data sets, benchmark problems, and data modeling.

Submissions:
Please submit your intention of submission via email with your affiliation and draft title of your presentation followed by a 300 to 400 word abstract of your 20 minute presentation to Tony Ponsford at Tony_Ponsford@Raytheon.com (see the important dates below). Proposals for presentations on research, development, software demonstrations, experiments, benchmark problems, research collaborations and ideas on emerging problems are actively solicited. Proposals for extended panel discussions, tutorials, or demonstrations are also encouraged. Presenters will be given the option of submitting a paper to a special issue of the International Society of Information Fusion (ISIF) Journal of Advances in Information Fusion.

Important dates:
- Intention of submission: **July 16, 2015**
- Abstract submission: **September 14, 2015**
- Notification: **September 30, 2015**
- Presentation submission: **November 2, 2015**

Location:
The workshop will be held at DRDC Ottawa, Shirley's Bay Campus, 3701 Carling Avenue. The workshop is unlimited and unclassified. Because the site itself is a secure facility, a passport or equivalent ID will be requested upon arrival. Non-Canadian participants should contact Jack Ding at zhen.ding@drdc-rddc.gc.ca as soon as possible for a Visit Clearance Request (VCR) application.

Registration:
There is no fee for this workshop, but the number of participants is limited. Register by sending your name, affiliation, phone number, email and postal address to Tony Ponsford at Tony_Ponsford@Raytheon.com. Participation without presentation is strongly welcomed.

Organizing committee:
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