

[Cognitive Systems with Interactive Sensors Seminar](#); COGIS 2010, 22 November 2010 will be hosted by Thales UK at their Crawley site (near Gatwick).

This long running event has a global appeal, with previous symposiums held in the USA and France. Following on from [COGIS 2009](#) this year's event is organised as a 1-day workshop by Thales UK in conjunction with the IET Radar, Sonar and Navigation Network and supported by SEE France.

Sensors with the ability to react to their environment, operate with increased autonomy, or collaborate interactively with other sensors are emerging in numerous applications. Benefits include the ability to significantly improve the way we sense the environment, reduce operator workload or to reduce the cost of meeting sensor performance needs.

This workshop will bring together researchers and industry in this exciting field, hosted by Thales UK at their Crawley site, near Gatwick.

The call for papers and posters is open and submissions are encouraged on a wide range of topics, which include

- Cognitive/Intelligent Sensors
- Sensor Scheduling
- Resources Allocation & Tasking
- Sensor Resources Management
- Co-localised Collaborative Sensors
- Human-Machine-Interfaces for Intelligent Sensors
- Knowledge Aided Sensor Processing
- Netted Sensors
- Real Time Multisensor Operation
- Airfield, Battlefield and Maritime Surveillance
- Surveillance in Complex Environments
- Multiple UAV Management Systems
- Probabilistic & Non-probabilistic Decision Model
- Multi-Agent
- Information Fusion
- Multicriteria Optimisation & Decision Aids
- Machine Learning
- Operational Research

Local Steering Committee Chair:

Scientific Committee Chair:

International Steering Committee Chair:

Glen Davidson

Hugh Griffiths

Frederic Barbaresco

Abstracts of **no more than 300 words** to be submitted via email to - g.davidson@theiet.org

Important dates for your diary around this event are:

Abstract submission deadline : 30 August 2010

Notification of acceptance : 27 September 2010

Submission of final paper : 25 October 2010

The conference papers will be published by the IET and made available online via the IET Digital Library and the IEEE/IET Electronic Library (available on [IEEE Xplore](#)). The conference papers will also be indexed by [INSPEC](#).

Be sure to check the [COGIS 2010](#) website for more updates on the event as details are made available :

<http://www.theiet.org/events/2010/cogis.cfm>