



Announcement & Call for Papers

IEEE SENSORS 2011 is intended to provide a common forum for research scientists, engineers and practitioners throughout the world to present their latest research findings ideas, developments and applications in the area of sensors and sensing technology. IEEE SENSORS Conference will include keynote addresses by eminent scientists as well as Invited Speakers for the Topical Special sessions. The Conference solicits original and state-of-the-art contributions for both podium and regular poster sessions

Topics of Interest Include but are not limited to:

- **Phenomena, Modeling, and Evaluation**
 - o Novel sensing principles, theory and modeling, sensor characterization, evaluation and testing, data handling and mining
- **Chemical and Gas Sensors**
 - o Materials Devices, electronic nose, electric tongue, continuous process control, test kits
- **Optical Sensors**
 - o Phonetics and Opto-Electronics, Radiation, fiber sensors, Waveguide technology, novel light sources and detectors, photonic bandgap Materials
- **Mechanical and Physical Sensors**
 - o Inertial pressure, tactile sensors, thermal, magnetic, and mass sensitive devices
- **Sensor/Actuator Systems**
 - o Sensor electronics, multi-sensor integrated systems, interfaces intelligent sensing, integrated sensor-actuator systems
- **Sensor Networks**
 - o Components, Network Architecture, remote sensing, telemetry, communication, internet-based or other remote data acquisition, sensor control
- **Applications**
 - o Automotive, medical, environmental monitoring, consumer, security, military, nautical, aeronautical and space, robotics automation
- **Special Focus Sessions**
 - o Proposal submission deadline March 1, 2011
- **Tutorial sessions**
 - o Proposal Submission Deadline March 1, 2011

Important Dates

Special Session Proposal Deadline:	March 1, 2011
Tutorial submission Deadline:	March 1, 2011
Abstract Submission Deadline :	May 6, 2011
Author notification:	June 30, 2011
Final Full paper submission (4 pages):	July 30, 2011
Presenting Author and Early-Bird Registration Deadline:	July 30, 2011

Exhibition & Partnership Opportunities

The Conference exhibit area will provide your company or organization with the opportunity to inform and display your latest products, services, equipment, books, journals, and publications to attendees from around the world. Please visit the website for further information on exhibiting at this Conference.

For additional Conference information, please visit the website at: <http://ieee-sensors2011.org>



Conference Officials

General Chair

Prof Elfed Lewis - University of Limerick, IRELAND

Vice Co-Chairs

Prof Gary K. Fedder - Carnegie Mellon Univ., USA
John Vig - Founding President, IEEE Sensors Council

Technical Program Chair

Prof Thomas Kenny - Stanford Univ, USA

Regional Technical Program Co-Chairs

Americas

Prof Reza Ghodssi - Univ of Maryland, USA

Europe/Africa

Prof Anna Mignani - CNR Firenze, ITALY

Asia/Oceania

Prof Perry Ping Shum - NTU, SINGAPORE

Tutorial Chair

Prof Gerald Farrell - DIT, Dublin, IRELAND

Special Sessions Chair

Prof Tong Sun - London City Univ., UK