CALL FOR PAPERS

This exclusive international Symposium on Inertial Sensors and Systems will be held in Hiroshima, Japan. The event continues our annual tradition of informal single-track international meetings discussing the latest developments in the area of modern inertial sensors and emerging applications. The INERTIAL 2020 will be a four-day event with one day of tutorials, and three days of technical sessions.

INERTIAL 2020 will be held at the Grand Prince Hotel Hiroshima. The hotel stands directly by the beautiful Seto Inland Sea, a 40 minute train ride from Hiroshima Station. Hiroshima Prefecture is located in the southwestern part of the Japanese islands. It is rich in the natural beauty of the Inland Sea and the Chugoku Mountains, with mountains, sea, rivers, valleys, plains, basins that characterize Japan's landscape.

TOPICS OF INTEREST

- **Sensors Phenomena & Modeling**
  Theory, new physical principles, device-and-system-level modeling, multi-physics, deterministic/stochastic error models, predictive models

- **Sensor Systems & Electronics**
  Sensor arrays, multi-sensor units, inertial measurement units, sensor electronics, actuator systems, control of sensors

- **Atomic/Quantum Sensors**
  Theory, new physical principles, device-and-system-level modeling, multi-physics, deterministic/stochastic error models, predictive models

- **Low-cost Manufacturing**
  Wafer-level fabrication, new micro/nano techniques, new materials, built-in diagnostics

- **Advanced Packaging**
  Wafer-level, system-in-package, vacuum/differential packaging

- **Advanced Test & Evaluation**
  Low-cost test/evaluation, calibration of arrays, wafer-level test and evaluation

- **Aiding Technology**
  Hybrid systems, gravitational maps, star-trackers, vision

- **Emerging Applications**
  Consumer electronics, medical devices, sport and fitness, automotive, oil/gas exploration, military, aeronautical and space sensor systems

- **Best Failed Ideas**
  Once exciting ideas for sensors, system, components, supporting subsystems, or methods that were once exciting but in the end proved unsuccessful. i.e. large-area printed electronics enhanced by embedded thin and flexible silicon chips

**ORGANIZERS**

**Conference Chair**
Prof. Toshiyuki Tsuchiya
Kyoto University, Japan

**Technical Program Chair**
Prof. Shuji Tanaka
Tohoku University, Japan

**Contact Information**

Rachel Brockhoff
INERTIAL 2020 Symposium Manager
rbrockhoff@conferencecatalysts.com
352-872-5544 ext 305

Naoko Tani
Semiconductor Portal
Local Arrangement
naoko.tani@semiconpotal.com