

# IEEE Inertial Sensors 2017

The 4th International Symposium on Inertial Sensors and Systems

# Kauai, Hawaii

Sponsored by the IEEE Sensors Council  
[www.ieee-inertial.org](http://www.ieee-inertial.org)

Tutorials - March 27, 2017 | Symposium - March 28-30, 2017

## CALL FOR PAPERS

*We invite you!*

We welcome you to Kauai's eastern shore, to present, exhibit, and participate at the IEEE Inertial Sensors 2017. This exclusive international Symposium on Inertial Sensors and Systems will be held at the Aqua Kauai Beach Resort in Kauai, HI, USA. 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'17 will be a four-day event with one day of tutorials and three days of technical sessions.

### TOPICS

#### Sensors Phenomena and Modeling

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

#### Sensor Systems

Sensor arrays, multi-sensor units, inertial measurement units, sensor electronics, actuator systems, control of sensors

#### 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 and 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

### IMPORTANT DATES

Abstract Submission Deadline  
**October 15, 2016**

Notification of Acceptance  
**December 1, 2016**

Late News Submission Deadline  
**January 5, 2017**

Author Registration/Final Paper Deadline  
**February 1, 2017**

### PAPER SUBMISSION

Submit your abstract (2 pages) electronically using the web submission form available at:  
<http://ieee-inertial.org>

Authors of accepted papers must register for the Symposium at the full IEEE member or non-member rate, and attend to present their papers. All accepted papers presented at the symposium will be submitted for publication to IEEE Xplore.

### SYMPOSIUM COMMITTEE

#### Symposium Chair

Andrei Shkel  
University of California, Irvine, USA

#### Symposium Management

Cynda Covert  
Conference Catalysts, LLC, USA  
[ccovert@conferencecatalysts.com](mailto:ccovert@conferencecatalysts.com)

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