

2019 INERTIAL

The 6th IEEE International Symposium on
Inertial Sensors & Systems
The Naples Beach Hotel & Golf Club · Naples, Florida, USA · April 1-5

CALL FOR PAPERS

ORGANIZERS

Symposium Chair

Michael Larsen

Northrop Grumman, USA

PAPER SUBMISSION IMPORTANT DATES

Abstract Submission

» October 1, 2018

Acceptance Notification

» December 10 2018

Late News Submission

» December 8, 2018

Late News Submission Deadline

» January 4, 2019

Late News Acceptance Notification

» January 18, 2019

Full Paper Submission Deadline

» February 1, 2019

Early Registration Deadline

» February 1, 2019

All accepted and presented papers will be available at IEEE Xplore.



Please visit:

2019.ieee-inertial.org



This exclusive international Symposium on Inertial Sensors and Systems will be held in Naples, Florida, 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 2019 will be a four-day event with one day of tutorials, and three days of technical sessions.

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.