

IEEE INERTIAL2021

The 8th IEEE International Symposium on Inertial Sensors & Systems
Virtual Symposium | March 22-25, 2021

CALL FOR PAPERS

ORGANIZERS

Symposium Chair

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PAPER SUBMISSION IMPORTANT DATES

Abstract Submission Deadline

» October 25, 2020

Acceptance Notification

» December 22, 2020

Late Breaking News Submissions Open

» December 28, 2020

Late Breaking News Submission Deadline

» January 24, 2021

Late Breaking News Acceptance Notification

» February 5, 2021

Full Paper Submission Deadline

» February 1, 2021

Early Registration Deadline

» February 1, 2021

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



Please visit:

2021.ieee-inertial.org



This exclusive international Symposium on Inertial Sensors and Systems will be held Virtually. 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 2021 will be a five-day event with one day of tutorials, and four 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, physical principles, device/system modeling, experimental results, packaging, supporting technologies, error/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, magnetic, 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

Ideas for new sensors, systems, components, supporting subsystems, or methods that were once exciting but in the end proved unsuccessful

Special Session on Bio-Inspired Sensors and Systems

Alternative navigation sensor and system approaches inspired by nature