This exclusive international Symposium on Inertial Sensors and Systems will be held in Kailua-Kona, Hawaii, 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 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