

Special Issue

Artificial Intelligence for Micro Inertial Sensors

Message from the Guest Editors

Advanced micro inertial sensors are embracing the impact of the blossoming of artificial intelligence (AI) technology. AI has proved its great potential to improve the design efficiency, fabrication quality, and measurement accuracy of MEMS inertial sensors. This special issue invites original research papers exploring AI for micro inertial sensors. Topics include but are not limited to machine learning, deep learning, edge computing for micro inertial sensor design optimization/acceleration, micro-fabrication virtual metrology, device self-testing, calibration techniques, and pose/position estimation.

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