



UNIVERSITY
of HAWAII®
MĀNOA

IUTAM

IUTAM SYMPOSIUM ON OPTIMAL GUIDANCE AND CONTROL FOR AUTONOMOUS SYSTEMS

Derek Demeter
(Emil Buehler
Planetarium)

MARCH 19 - 21, 2020
UNIVERSITY OF HAWAII AT MĀNOA
HONOLULU, HI, USA

Hawai'i is known around the world as an island paradise with beautiful beaches and clear blue skies. With these kind of conditions, Hawai'i provides an ideal location for developing and utilizing optimal guidance and control for autonomous systems with it's diverse terrain, that can also implemented in a vast amount of situations and uses around the world.

AREAS OF THE SYMPOSIUM INCLUDE, BUT ARE NOT LIMITED TO:

- MOTION PLANNING
- OPTIMAL CONTROL AND GUIDANCE
- FEEDBACK CONTROL
- MACHINE LEARNING
- SWARM NETWORK CONTROL
- CENTRALIZED OR DECENTRALIZED CONTROL
- GUIDANCE, NAVIGATION, AND CONTROL (GNC)
- STABILITY
- TARGETING
- DATA PROCESSING
- SENSOR FUSION
- ON-BOARD CONTROL SYSTEMS AND CAPABILITIES
- AUTONOMOUS GNC

IMPORTANT DUE DATES:

AUGUST 26, 2019: ANNOUNCEMENT
DECEMBER 31, 2019: ABSTRACT DUE
JANUARY 10, 2020: ACCEPTANCE NOTIFICATION
FEBRUARY 20, 2020: FINAL UPLOAD
JANUARY 30 - FEBRUARY 20, 2020: EARLY REGISTRATION
MARCH 19 - MARCH 20, 2020: ON-CITE REGISTRATION

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