IAS-16

SINGAPORE, 29-31 JULY 2020

Call for Papers

Website

http://www.ias-16.com

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robotics@nus.edu.sg

IAS-16 is the 16th international conference on Intelligent Autonomous System organised in Singapore from 29 – 31 July 2020. It is a common platform for an exchange and sharing of ideas among the international scientific research and technical community consisting of academics, researchers in institute and industrial leaders.

Intelligent Autonomous Systems are increasingly applied in areas ranging from industrial applications to professional service and household domains. New technologies and application domains push forward the need for research and development resulting in new challenges to be overcome in order to apply Intelligent Autonomous Systems in a reliable and user-independent way.

The conference focuses on theory and advanced systems to be applied in industry and society as well as in adverse environments. The international event will bring together scientists, engineers and students on an international stage to present and discuss latest scientific results, technologies and ideas enabling Intelligent Autonomous Systems to perform in a safe, skilful and robust manner handling uncertainty and unforeseen events.

Important Dates:

Start of Paper Submission	30 Nov 2019
Paper Submission Deadlines	25 Jan 2020
Acceptance Notification	29 Mar 2020
End of Early Bird Ticket Sales	26 Apr 2020
Announcement of Event Schedule	20 Jun 2020
IAS-16 Event in Singapore	29 – 31 Jul 2020

Topics include but not limited to:

Industrial Mobile Robots	Robot Vision
Collaborative Robots/Cobots	Advanced Obstacle Avoidance
Household Robots	Robot Simulations
Intelligent Machinery	Human-Robot-Interaction
Climbing Robots	Semantic Modelling
Outdoor and Field Robots	Intelligent Systems Proving Grounds
Autonomous Vehicles	Augmented Robotics
Healthcare Robots	Data Fusion and Machine Learning
Applied Robots	Localisation and SLAM
Flying Robots	Robots for Industry 4.0
On-Water/Underwater Robots	Intelligent Perceptions