

# IAS-16

SINGAPORE, 22- 25 JUNE 2021

# Call for Papers



**IAS-16 is the 16<sup>th</sup> international conference on Intelligent Autonomous System organised in Singapore from 22 – 25 June 2021.** 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 (Updated):

Start of Paper Submission	1 Aug 2020
Paper Submission Deadlines ( <b>Postponed</b> )	<del>31 Dec 2020</del> 15 Jan 2021
Acceptance Notification	15 Mar 2021
End of Early Bird Ticket Sales	31 Mar 2021
Announcement of Event Schedule	15 May 2021
IAS-16 Event in Singapore	22-25 June 2021

### Topics include but not limited to:

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



### Website

<https://www.ias-16.com>



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