

IAS 19 | GENOA

The 19th International Conference on **Intelligent Autonomous Systems**

Call for Papers #2 | June 30 – July 4, 2025 | Genoa, Italy | www.ias-19-org

Welcome to IAS-19 | Genoa

You are all invited to contribute to the 19th International Conference on Intelligent Autonomous Systems (IAS-19), which will be held in **Genoa**, Italy, from June 30 to July 4, 2025! Since the first edition in 1985, IAS has been a venue for original, novel, and innovative papers with a theoretical or experimental flavour. For IAS-19, we look for papers centred around the theme **Ethical, Responsible, and Inclusive Robotics**. IAS-19 will feature workshops, tutorials, a crash course on entrepreneurship, three parallel scientific tracks, plenary and keynote speakers, as well as exhibits, an industry forum, and cultural/tech tours.

Topics

Topics of interest include (but are not limited to):

Mobile Robots | Collaborative Robots/Cobots | Robots for Industry 4.0 | Household Robots | Humanoid Robots | Climbing Robots | Outdoor and Field Robots | Autonomous Vehicles | Healthcare Robots | Flying Robots | On-Water/Underwater Robots | Robot Swarms | Biomimetic Robots | Long-Term Autonomous Systems | Intelligent Machines | Cognitive Architectures for Robots | Human-Robot-Interaction | Software Architectures for Robots | Cloud Robotics | Robot Vision | Tactile Sensing | Intelligent Sensors and Systems | Neuromorphic Sensing | Semantic Modelling | Data Fusion and Machine Learning | Obstacle Avoidance | Localization and SLAM | Knowledge Representation and Reasoning | Planning | Task-Motion Planning | Robot Foundation Models | Vision and Language Models | Robot Simulations | Mechatronics for Intelligent Systems.

All papers will be published as a **post-conference book**, edited by Springer. In addition, a selection of high-quality papers will be invited as to a **special issue** of the Robotics and Autonomous Systems Journal.

Important dates

20/9/2024 > Call for papers #1
30/11/2024 > Call for papers #2
30/11/2024 > Deadline for special sessions proposals
7/12/2024 > Notification of acceptance for special sessions
15/12/2024 > Deadline for workshops and tutorials proposals
15/1/2025 > Notification of acceptance for workshops and tutorials
15/2/2025 > Deadline for papers submission
15/4/2025 > Papers acceptance notification
15/5/2025 > Papers final submission
30/6/2025 - 4/7/2025 > IAS-19 in Genoa, Italy

Confirmed plenary and keynote speakers

Tomaso Poggio, plenary speaker, MIT | **Yoshihiko Nakamura**, plenary speaker, MBZUAI | **Arash Ajoudani**, keynote speaker, IIT | **Perla Maiolino**, keynote speaker, UOxford.

HIGHLIGHTS | Open calls

We look for proposals for special sessions, workshops and tutorials. **Special sessions** consist of 4 papers, whereas a **workshop or tutorial** can be a half or full day. Please send proposals for special sessions, workshops or proposals at contact@ias-19.org. Each proposal must include (a) the title of the special session, workshop, or proposal, (b) the list of organizers with contact information, (c) a brief statement of purpose, and (d) a list of potential contributors. If you want to showcase and exhibit your exciting technology at IAS-19, please reach out to us at contact@ias-19.org!

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