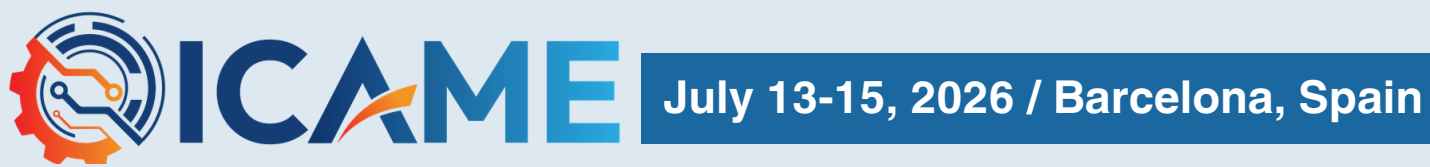


Barcelona, Spain

2026 the 4th International Conference on AUTOMATION AND MECHATRONICS ENGINEERING

ICAME 2026

July 13-15, 2026



2026 the 4th International Conference on Automation and Mechatronics Engineering (ICAME 2026) will be held during July 13-15, 2026 in Barcelona, Spain.

The conference is sponsored by IMechE, IET and InstMC Institutes. The aim of this conference is to provide a forum for the presentation and discussion of automation and mechatronics Engineering topics. Additionally, it serves as a conduit for channeling advanced technology to the regional industry.

In addition to the high technical standard expected of this conference, ICAME 2026 Conference aims to give all participants a real taste of the true Spanish culture in the beautiful Barcelona. The dedicated conference teams are currently working hard on making this conference not only intellectually stimulating but also an unforgettable pleasant experience.

Track 5:

Topic: Advanced Mechatronics Systems, and Robotics

- Advanced Mechatronics Systems
- Mechanical Design
- Mechanical Power Engineering
- Robotics
- Precision Mechanics, Mechatronics
- Robotic Automation and Control
- Autonomous Mobile Robots (AMRs) and Logistics
- Advanced Mechatronics Systems and Robotics Industrial Applications...etc.

Chair:



Dr. Yagna Jadeja
University of London, UK/
Founder and CEO of Pycrobo Ltd

Dr Yagna Jadeja is a Lead AI Engineer and researcher specialising in computer vision, deep learning, and intelligent automation for advanced manufacturing. She holds a PhD in Robotics and Imitation Learning from the University of Derby, where her doctoral thesis on Self-Learning Robotic System Solution for Industrial Applications Using Imitation Learning was awarded the Best PhD Thesis Award by the International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIPPR) in December 2024, in collaboration with IIIT Bhopal and MANIT Bhopal. She also holds an MSc in Control and Instrumentation and a BE in Electronics and Communication, bringing a strong multidisciplinary academic foundation to her research.

Dr Jadeja currently serves as a KTP Associate between City St George's, University of London and Airborne Composites Ltd., leading an Innovate UK-funded project to develop automated 3D defect detection systems for aerospace-grade composite manufacturing. Her work has achieved 95% classification accuracy in real-time defect detection, spanning end-to-end machine learning pipeline development, 2D/3D vision systems, point-cloud processing, and AI-driven inspection workflows.

She has authored and co-authored numerous peer-reviewed publications in leading international journals and conferences, including SAMPE Europe, ICMR, and ICMERR. With her affiliation to City St George's, University of London, Dr Jadeja brings extensive cross-sector expertise spanning academia, aerospace, and industrial engineering.

Publication Support



Submissions will be peer-reviewed and evaluated based on originality, relevance to conference, contributions, and presentation. Accepted full papers of ICAME 2026 will be published in a volume of the **Advances in Transdisciplinary Engineering** book series by IOS Press with **open access**. The book series is now indexed by EI Compendex, Scopus, etc.

Journal Recommendation

Papers accepted by ICAME2026 have the opportunity to be recommended to the following journal after expanding their new content by 35%: **International Journal of Mechanical Engineering and Robotics Research**



ISSN: 2278-0149 (Online)
Short Title: Int. J. Mech. Eng. Robot. Res.
Frequency: Bimonthly
DOI: 10.18178/ijmerr
Managing Editor: Ms. Jennifer Zeng
Abstracting/Indexing: ESCI (Web of Science, Impact Factor in 2024: 1.0), Scopus (Cite Score in 2024: 3.1), CNKI, Google Scholar, etc.

Submission

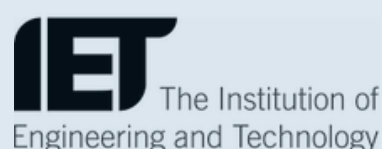
Submit through: **Electronic Submission System**
<https://www.zmeeting.org/submission/icame2026>

Full Paper Template:
Word: https://www.icame.org/ios_word.zip
Latex: https://www.icame.org/ios_latex.zip

For full details of the conference topics, please visit:
<https://www.icame.org/sub.html>

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Important Dates

Submission Deadline:	June 01, 2026
Notification Date	June 10, 2026
Registration Deadline	June 15, 2026
Camera-Ready Paper	June 15, 2026