ICAC2026
26-28 August 2026, High Wycombe, UK

Call for Papers

Conference Theme: *Creative and Industrial AI for Inclusive Applications*

AIMS: The aims of the conference are to provide a forum for scientists, engineers, scholars and students to exchange ideas and update technical knowledge, as well as to provide a platform where joint research programmes can be formulated for mutual benefits. The conference welcomes participation and contributions from those involved in both theoretical and practical research on all aspects of automation, control, manufacturing and computer science.

SCOPE: The scope of the conference covers a broad spectrum of multidisciplinary areas in automation, smart manufacturing, robotics, control, computing and information systems, ranging from fundamental research to real-world practical applications. The conference welcomes the submission of papers in the nature of original research and technical reviews from but not limited to areas of:

Additive Manufacturing	Information and Network Security	Non-destructive Testing and Condition Monitoring
Artificial Intelligence Autonomous Systems	Information Technology and Systems	Optimisation & Decision Making
Big Data and Data mining	Intelligent System and Automation	Production Planning and Scheduling
Control Theory and Application	Internet of Things	Prognostics and Diagnostics
Cyber Physical Systems	Machine Learning	Robotics
Digital Manufacturing and Enterprise Technologies	Machine Vision and Image Processing	System Diagnosis and Identification
Digital Twins	Metrology and Inspection technology	System Control and Modelling
Flexible and Computer Integrated Manufacturing		Virtual and Augmented Reality
Human-Machine Collaborations		Wireless Sensor Networks

SUBMISSIONS:

The submitted papers should be no more than 6 pages (A4 paper) with IEEE conference paper format. The conference details and the paper template for ICAC2026 are available on the conference website. The first page of each paper should include the title of the paper, an abstract with no more than 200 words, up to 5 key words, authors' name(s), complete postal addresses, and email address for correspondence. Electronic form of submission, in PDF, is acceptable and preferred. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. The Proceedings of International Conference on Automation and Computing have been published on IEEE Xplore since 2011.

Authors of selected papers will be invited to submit extended article versions to the special issues of the associate Peer-reviewed journals.

The papers should be submitted online at https://cmt3.research.microsoft.com/ICAC2026

For detailed up-to-date information, please visit the conference website https://icac2026.com

SPECIAL SESSIONS:

The conference welcomes the proposals of special sessions. Please follow the link for details of proposing special sessions. The current special sessions are available on the conference webpage.

BEST STUDENT PAPERS:

Papers with the first author being a PhD student are eligible for the Best Student Paper Award. The authors shall clearly indicate whether their papers are qualified for this award during submission. The best papers will be assessed by a panel based on academic significance and presentation performance, and award certificates will be presented to the authors in the conference.

IMPORTANT DATES:

Paper submission deadline	31 March 2026
Notification of acceptance	15 June 2026
Camera-ready copy due	30 June 2026

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