4th International Conference on Industry 4.0 and Advanced Manufacturing

08 - 09 January 2026
Indian Institute of Science, Bengaluru

CALL FOR ABSTRACTS

Industry 4.0 uses connected intelligence to improve productivity, quality, flexibility, safety and sustainability across manufacturing enterprises, in which advanced manufacturing, such as Robotics or Additive Manufacturing, plays a critical role. I-4AM 2026 (pronounced i-forum 2026) provides a platform to bring together all stakeholders in manufacturing and Industry 4.0 in India and abroad to deliberate on the nature, needs, challenges, opportunities, problems and solutions in this transformational area. A specific focus of I-4AM 2026 is to provide a platform for evolving a vision of and enablers for sustainable, affordable, and human-centric Industry 4.0 and showcase cutting-edge practice, research and educational innovation in this area.

I-4AM 2026 is organised by Department of Design and Manufacturing, Indian Institute of Science, under its CEFC on I4.0India@IISc (Smart Factory) within the SAMARTH Udyog Bharat 4.0 programme of the Department of Heavy Industries, Government of India.

Conference and Programme Chairs:
Prof Amaresh Chakrabarti and Prof Satyam Suwas, Indian Institute of Science, Bengaluru

Vice-Chair:
Prof Manish Arora, Indian Institute of Science, Bengaluru

Important Dates

Call for Abstracts: **15 February 2025**
Abstract Acceptance: **28 February 2025**
Full Paper Submission: **31 May 2025**
Paper Acceptance Decision: **30 August 2025**
Early Bird Registration: **10 September 2025**
Conference: **08 - 09 January 2026**

Contact us at: i4am.conf@iisc.ac.in

Topics of the Conference

Materials Processing & Joining
- Additive manufacturing
- Powder generation
- Friction stir welding
- Deformation processing / modelling
- Composites

Controls, Autonomous Systems, Robotics
- AGVs/ walking robots/ drones for factory traffic management
- Micro/ nano manufacturing
- Cobotics

Policy & Entrepreneurship
- Start-ups, eco-systems, incubators
- Distributed/ inclusive manufacturing

Supply Chains
- Blockchain
- Market platforms
- Smart contracts
- Network games
- Dynamic routing/ control
- Large scale logistics
- Supply chain simulation
- Optimisation

Industry X.0
- Wireless sensor networks
- Cyber-security protocols
- Fog/ edge computing
- Artificial Intelligence
- Certification

Digital Manufacturing
- CAD/CAM/CAE
- DFX
- Simulation/visualisation
- AR/VR/MR/XR/Haptics for manufacturing
- Digital twins
- Model-based manufacturing, informatics, quality control
- Computational metrology
- Digital Human modelling

Sustainable Manufacturing
- Assessment/ traceability
- Lifecycle costing
- Developing new sustainable materials & manufacturing processes

Training and Education
- Training and education in Industry 4.0
- Training and education in advanced manufacturing
- Alternative modes of learning (including online & blended learning)

Department of Heavy Industry, Government of India