



5th INTERNATIONAL CONFERENCE

ON

**ROBOTICS, INTELLIGENT
AUTOMATION AND CONTROL
TECHNOLOGIES
(RIACT 2026)**

**Theme: Embodied AI, Sustainability, Human
Centered Robotics and Automation Systems**

Feb 5-7, 2026

In Association with



**Hochschule Bochum
Bochum University
of Applied Sciences**



THEMES OF RIACT 2026

- Robot Design, Control & Communications
- Mobile & Autonomous Robots
- Embodied AI
- Human Centered Systems
- Robust & Adaptive Control Systems
- Automation in Life Sciences

CALL FOR ORIGINAL RESEARCH WORK IN KEY TOPICS (BUT ARE NOT LIMITED TO) RELATED TO RIACT 2026

• Robot Design, Development & Control	• Intelligent Automation Systems	• AI in Robotics
• Modelling & Simulation	• Intelligent Transportation	• Industrial IoT
• Kinematics & Dynamics	• Intelligent Fault Detection and Diagnosis	• Deep learning in Robotics
• Robotic Perception	• Intelligent Components for Control	• Cognitive Automation
• Mobile & Autonomous Robots	• Industrial Networks and Automation	• Biologically inspired Control systems
• Rehabilitation Robots & Devices	• Control and adaptation Techniques	• SLAM
• Humanoid & Smart Robots	• Automation in Life Sciences	• ROS
• Military Robots	• Robust/Adaptive Control of Robotic System	• Image Processing & Vision Systems
• Service & Medical Robots	• Optimization and Optimal Control	• Human-Machine Interface
• Agricultural Robots	• Motion Planning and Control	• Actuators & Sensors
• Space & Underwater Robots	• Cognitive Control Architectures, Compliance and Impedance Control	• Computer and microprocessor-based control
• Collaborative Robots	• Control and Supervision Systems	• CAD/CAM/CAE
• Micro/Nano Robotics	• Vehicle Control Applications	• Mechatronic Systems