

<p>TRACK 1: COMPUTATIONAL INTELLIGENCE</p> <ul style="list-style-type: none"> • Evolutionary Algorithms • Hybrid Learning Algorithms • Neural Networks • Deep and Reinforcement learning • Computational Optimization • Pattern Recognition & classification • Neuro-Fuzzy Systems • Convolutional Neural Network • NLP and computer vision • Hybrid Intelligence Systems • Data Mining & Machine learning Tools • Image processing • Heuristic Search and Optimization • Image Segmentation • Large Language Models • Artificial Immune System • Explainable AI techniques • Biomedical Imaging • Image/Video Classification • Sentiment Analysis • Quantum Computing • Augmented and Virtual Reality • Cognitive and Affective Computing 	<p>TRACK 2: IOT AND SENSORS NETWORKS</p> <ul style="list-style-type: none"> • 5G and beyond 5G/6G networks and IoT • Protocols and architectures for IoT • IoT for smart manufacturing (industry 4.0) and smart spaces • IoT protocols and standards • Ambient intelligence and Autonomic computing for IoT • Intelligent IoT eHealth • IoT for renewable energy and energy storage • IoT in Smart Building • Data Analytics & IoT for Power Systems • Security and Privacy for IoT • Fog/edge computing and IoT: architectures and implementations • Wireless Sensor Networks and Architectures • Sensors Networks Hardware and Software • Sensor Networks Applications • Sensor Circuits and Sensor Devices • Security and Privacy in Sensor Networks • Energy Management and Control of Sensor Networks • Energy Optimization in Wireless Sensor Networks • Deployments and Implementations of Sensor Networks • 5G and Beyond. 	<p>TRACK 3: INTELLIGENT SYSTEMS</p> <ul style="list-style-type: none"> • Real-time Systems • Intelligent Devices and Environments • Intelligent System Architectures • Human-Machine Interaction • Cloud Computing • Big Data and Data Warehousing • Swarm Intelligence • Embedded Computing with Applications • Positioning and Tracking Technologies • User Interfaces and Interaction Models • Robotics and Autonomous Systems • Mathematical and Statistical foundations for data science • Data Analytics • Intelligent Decision-Making Systems • Intelligent Information Processing • Mechatronic Systems and Applications • Intelligent Transportation Systems • Adaptive Learning • Transformers • Bio-Inspired Intelligence • Cognitive Systems • Web Intelligence.
<p>TRACK 4: ELECTRONICS COMMUNICATION AND ELECTRICAL</p> <ul style="list-style-type: none"> • Wireless and Optical Communication • 5G and 6G Technology • VLSI • Electronic Devices, Circuits and System • Communication and Network Protocols • Signal Processing • RF, Microwave and Smart Antennas • Solar, Wind and Battery Technology • Renewable Energy Sources and Technology including Hydrogen • Power Electronics and Applications • Electric Vehicles (EVs) • Robotica, Control, Automation and Instrumentation • Drone Technology 	<p>TRACK 5: NETWORK/CYBER SECURITY</p> <ul style="list-style-type: none"> • Authentication, Privacy and Security Models • Intelligent data analysis for Security • Intrusion, anomaly and fraud detection • Security and privacy in Cloud Computing • Blockchain • Cyber Security and privacy • Privacy and security attacks • Cyber physical systems security • Web security and privacy • Wireless and mobile security/privacy • Embedded systems security • Cryptographic approaches and secure multiparty computation • Trust in social media: disinformation/misinformation • Privacy Enhancing Technologies in Emerging Applications 	<p>TRACK 6: AI IN INTERDISCIPLINARY FIELDS</p> <ul style="list-style-type: none"> • Knowledge Representation and Reasoning • AI in Marketing • Sustainable Manufacturing through AI Enabled Technologies • AI based Health Care Management • Renewable and Green Energy • AI and Intelligent Control • Intelligent Transportation, Internet of Vehicles • Unmanned Aerial Vehicles/Drones Technology • Nature-inspired optimization methods in production, manufacturing and logistics • Metaheuristic solutions for Sustainable Manufacturing • AI Ethics and Governance • AI in Communication and Media • AI in Transportation and Mobility • AI in Law