

## Conference reports - April 2026

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One of SIGAI's missions is to promote and support AI-related conferences. Here, we report on the proceedings of recent events sponsored or run in cooperation with ACM SIGAI. Members receive reduced registration rates to all affiliated conferences. These reports are based on submissions by the conference organisers.

### BIOSTEC: 19th International Joint Conference on Biomedical Engineering Systems and Technologies

Marbella, Spain, March 02-04, 2026

<https://biostec.scitevents.org/>

BIOSTEC brings together researchers and practitioners who are interested in both theoretical advances and applications of information systems, artificial intelligence, signal processing, electronics and other engineering tools in knowledge areas related to biology and medicine. Participants include engineers, biologists, health professionals and informatics/computer scientists.

#### Keynote Lectures

- Antonio Lanatà, University of Florence, Italy: *From Signals to Meaning: Biosignals as a Language for Health, Emotion, and Connection*
- Kavitha Anandan, SSN College of Engineering, India: *Extended Reality in Healthcare*
- Tim Hahn, University of Münster, Germany: *AI in Medicine: Progress, Perils, and Perspectives*
- Pedro Gómez Vilda, Independent Researcher, Spain: *Neuro-Acoustic Intelligence: A Unified Phonation-Encephalography Framework for Multi-Disorder Monitoring via Explainable AI*

#### Best Paper Award

Vitor Ferreira Paschoal, Elizangela Almeida de Carvalho and Alberto Cliquet Jr: [Mapping of Electrode Positions in the Capture of Myoelectric Signals from the Cervical Region to Optimize the Application of Machine Learning](#)

#### Best Student Paper Award

Runo Kitahara and Takashi Tateno: [Microfabricated in Vitro Platform for Characterizing Cellular Calcium Dynamics During Ultrasound Neuromodulation Using Calcium Indicators](#)

### Best Poster Award

Alberto Alfonso García, Ricardo Del Rio García and Juan A. González Sánchez: [Embedded PPG in a Smartphone Case for non-Invasive Blood Pressure Estimation](#)

BIOSTEC 2026 was sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC). BIOSTEC 2026 was also organized in cooperation with the *ACM Special Interest Group on Artificial Intelligence*, *ACM Special Interest Group on Accessible Computing*, *ACM Special Interest Group on Management Information Systems*, *Association for the Advancement of Artificial Intelligence*, *European Association for Signal Processing*, *European Alliance for Medical and Biological Engineering and Science*, *Finnish Society for Medical Physics and Medical Engineering*, *Swiss Society for Biomedical Engineering* and *International Society for Computational Biology*.

BIOSTEC 2027 will take place in Valletta, Malta, February 19-21.

### ICPRAM: 15th International Conference on Pattern Recognition Applications and Methods

Marbella, Spain, March 02-04, 2026

<https://icpram.scitevents.org>

ICPRAM 2026 is an international meeting place for researchers, engineers and practitioners working on Pattern Recognition and Machine Learning, both from theoretical and application perspectives. The conference includes contributions involving applications of Pattern Recognition techniques to real-world problems, interdisciplinary research, and studies yielding new insights that advance Pattern Recognition methods.

### Keynote Lectures

- Guoying Zhao, University of Oulu, Finland: *Seeing the Heartbeat: Remote Physiological Signal Measurement and Applications Using Facial Videos*
- Massimo Tistarelli, Università degli Studi di Sassari, Italy: *30 Years of Face Recognition*
- *Research: A Vision Ahead*
- Foteini Simistira Liwicki, Lulea University of Technology, Sweden: *I Know What You Are Thinking: A Journey from Symbols to Minds*
- Antonio Loquercio, University of Pennsylvania, United States: *Simulation: What Made us Intelligent Will Make our Robots Intelligent*

### Best Paper Award

Aheli Saha, René Schuster and Didier Stricker: [Sensor Generalization for Adaptive Sensing in Event-Based Object Detection via Joint Distribution Training](#)

**Best Student Paper Award**

José Ramón Torres-Martín, Yolanda Carrión-García, José Manuel Velarde-Gestera, Mihaela I. Chidean and Inmaculada Mora-Jiménez: [Assessing Reconstruction Techniques for Estimating Evapotranspiration Time Series under Varying Data Availability](#)

**Best Poster Award**

Nermeen Abou Baker and Uwe Handmann: [The Hidden Price Tag behind LLMs and Their Environmental Cost](#)

**Best Industrial Paper Award**

Wang Yubo, Ishii Hiroyuki and Ohya Jun: [DisasterSynth: High-Resolution Disaster Scene Generation and Reliable Pseudo Labeling with Masked Feature Reconstruction](#)

ICPRAM 2026 was sponsored by the *Institute for Systems and Technologies of Information, Control and Communication (INSTICC)*, endorsed by *International Association for Pattern Recognition*, and technically co-sponsored by the *IEEE Computational Intelligence Society*. ICPRAM 2026 was also organized in cooperation with the *ACM Special Interest Group on Artificial Intelligence*, *Association for the Advancement of Artificial Intelligence*, *Spanish Association of Artificial Intelligence*, *International Neural Network Society*, *European Association for Signal Processing* and *European Association for Biometrics*.

ICPRAM 2027 will take place in Valletta, Malta, February 20-22.

## ROBOVIS: 6th International Conference on Robotics, Computer Vision and Intelligent Systems

Marbella, Spain, March 02-04, 2026

<https://robovis.scitevents.org>

ROBOVIS provides a venue where the 3 research communities of Computer Vision, Robotics, and Intelligent Systems meet and discuss innovation possibilities driven by the intersection of these highly synergetic fields.

**Keynote Lectures**

- Angel P. Del Pobil, Universitat Jaume I, Spain: *Robot AI and Human Safety*
- Bruno Siciliano, University of Naples Federico II, Italy: *Robot Manipulation and Control*

- Antonio Loquercio, University of Pennsylvania, United States: *Simulation: What Made us Intelligent Will Make our Robots Intelligent*

### Best Paper Award

Sarah Schneider, Evan Krause, Marlow Fawn, Doris Antensteiner, Csaba Beleznai, Daniel Soukup and Matthias Scheutz: [Generating Human-Understandable Descriptions of Novel Objects for Verbal Interactions with Edge-Based Robots](#)

### Best Poster Award

Erwan Martin, Antoine Nongaillard and Philippe Mathieu: [Emerging Multi-Robot Cooperation through Action Selection Robust to Communication Disruptions](#)

ROBOVIS 2026 was sponsored by the *Institute for Systems and Technologies of Information, Control and Communication (INSTICC)*, endorsed by *International Association for Pattern Recognition*, and technically co-sponsored by the *IEEE SMC - TC on Robotics and Intelligent Sensing*. ROBOVIS 2026 was also organized in cooperation with the *ACM Special Interest Group on Artificial Intelligence*.

ROBOVIS 2027 will take place in Valletta, Malta, February 27-28.

## ICAART: 18th International Conference on Agents and Artificial Intelligence

Marbella, Spain, March 05-08, 2026

<https://icaart.scitevents.org/>

ICAART brings together researchers, engineers and practitioners interested in the theory and applications in the areas of Agents and Artificial Intelligence, covering both applications and current research work. On one side it focuses on Agents, Multi-Agent Systems and Software Platforms, and Distributed Problem Solving. On the other side it focuses on Artificial Intelligence, Knowledge Representation, Planning, Learning, Scheduling, and Perception.

### Keynote Lectures

- Sarit Kraus, Bar-Ilan University, Israel: *Smarter Together? Assisting Humans in a World of Intelligent Agents*
- Frank van Harmelen, Vrije Universiteit Amsterdam, Netherlands: *Loosely Coupled Architectures for Neuro-symbolic Systems: Combining Learning and Reasoning*
- Luc Steels, Free University of Brussels, VUB AI Lab, Brussels, Belgium: *Alter3's Inner Voices: Identity and Self-Awareness in Embodied AI*

**Best Paper Award**

Deyu Cao, Yixin Yin and Samin Aref: [\*Sliced-Wasserstein Distribution Alignment Loss Improves the Ultra-Low-Bit Quantization of Large Language Models\*](#)

**Best Student Paper Award**

Ananya Arvind, Shruthi Sathya Narayanan and Saishriya Sathya Narayanan: [\*Sura.ai: Multi-Agent Infrastructure Recovery with LLM-Powered Autonomous Remediation\*](#)

**Best Poster Award**

Joana C. Costa, Tiago Roxo, Hugo Proença and Pedro R. M. Inácio: [\*ZQBA: Zero Query Black-Box Adversarial Attack\*](#)

**Best Industrial Paper Award**

Roberto Lorusso, Antonio Maci, Alessandro Santorsola, Pietro Spalluto and Stefano Valcada: [\*JewelCVSS: A Domain-Tuned LLM for Automated Vulnerability Scoring\*](#)

ICAART 2026 was sponsored by the *Institute for Systems and Technologies of Information, Control and Communication (INSTICC)*. ICAART 2026 was also organized in cooperation with the *ACM Special Interest Group on Artificial Intelligence*, *Association for the Advancement of Artificial Intelligence*, *Spanish Association of Artificial Intelligence*, *IberoAmerican Society of Artificial Intelligence* and *European Society for Fuzzy Logic and Technology*.

ICAART 2027 will take place in Valletta, Malta, February 23-25.

## VISAPP: 21st International Conference on Computer Vision Theory and Applications

Marbella, Spain, March 09-11

<https://visapp.scitevents.org/>

VISAPP is a major point of contact between researchers, engineers and practitioners on computer vision methods, systems and applications. Several tracks cover different aspects of computer vision, including: Foundations & Representation Learning; Recognition & Detection; Low-level Vision & Computational Imaging; and 3D Vision, Motion, Robotics, Application & Systems.

**Keynote Lectures**

- Yuki Asano, University of Technology Nuremberg, Germany: *Self-Supervised Learning Is Dead, Long Live Self-Supervised Learning (in the Age of MLLMs)*

- Cees G. M. Snoek, University of Amsterdam, Netherlands: *Seeing, Speaking, and Reasoning in a Visual World*
- Elisa Ricci, University of Trento, Italy: *Rethinking Multimodal AI Models: Beyond Accuracy, Towards Trust*

### Best Paper Award

Khaled Chikh, Roberto Cavicchioli and Alessandro Capotondi: [ShareDAB-DETR: Memory-Efficient Object Detection through CentralBank Parameter Sharing](#)

### Best Student Paper Award

Martha Teiko Teye, Ori Maoz and Matthias Rottmann: [FutrTrack: A Camera-LiDAR Fusion Transformer for 3D Multiple Object Tracking](#)

VISAPP 2026 was sponsored by the *Institute for Systems and Technologies of Information, Control and Communication (INSTICC)*, and endorsed by the *International Association for Pattern Recognition*. VISAPP 2026 was also organized in cooperation with the *ACM Special Interest Group on Artificial Intelligence* and *Society for Imaging Science and Technology*.

VISAPP 2027 will take place in Vallette, Malta, February 26-28.

### Conference Statistics

Conference	Number of Participants	Number of Submissions	Number of Countries Submissions Were From	Percentage of Papers Accepted / %	Type of Review
BIOSTEC 26	345	394	58	25	Double-blind
ICPRAM 26	87	99	37	18	Double-blind
ROBOVIS 26	36	42	21	16	Double-blind
ICAART 26	547	716	60	18	Double-blind
VISAPP 26	267	326	42	20	Double-blind