CALL FOR PAPERS

DEADLINES

Submission (2-page abstract):
5 April 2026

Notification of acceptance:
20 April 2026

Registration:
15 May 2026

Camera ready (4-6 pages paper):
30 May 2026

SPECIAL SESSIONS

Participants are welcome to organize and manage special sessions during the conference. Each session will contain 4-6 papers in a related field as specified above.

Session organizers will get:
• Certificate of Appreciation
• Free Registration for the Event
• Special Publishing Theme within Conference Proceedings

Advances in AI and signal processing are driving market growth, enabling better technologies for drones, robotics, and autonomous cars. Sensor manufacturers increasingly use machine learning for data analysis, which has become easier as hardware shrinks and sensors become cheaper. This expands IoT applications but creates challenges in managing the growing data volumes. Traditional processing methods can no longer handle the data efficiently.

The ASPAI conferences aim to address these issues by offering a platform for discussing AI and signal processing technologies. The 2025 event, organized by IFSA, will coincide with the International Conference on AI in Medicine and Healthcare (AiMH' 2026). It will feature talks, presentations, and networking events, creating opportunities for collaboration among researchers and industry professionals.

ARTIFICIAL INTELLIGENCE

• AI Algorithms
• Intelligent System Architectures
• Hybrid Intelligent Systems
• Artificial Neural Networks
• Expert Systems
• Intelligent Networks
• Parallel Processing
• Pattern Recognition
• Pervasive Computing and Ambient Intelligence
• Programming Languages Artificial Intelligence
• Soft Computing and Applications
• Artificial Intelligence Tools & Applications
• CAD Design & Testing
• Computer Vision and Speech Recognition
• Fuzzy Logic, Systems and learning
• Computational Theories, Learning and Intelligence
• Computational Neuroscience
• Soft Computing Theory and Applications

• Software & Hardware Architectures
• Web Intelligence Applications & Search
• Ambient Intelligence
• Artificial Immune Systems
• Autonomous and Ubiquitous Computing
• Bayesian Models and networks
• Data Fusion
• Distributed AI
• Machine Learning
• Deep Learning
• Lerning and Adaptive Sensor Fusion
• Multisensor Data Fusion Based on Neural and Fuzzy Techniques
• Applied Artificial Intelligence
• Self-Organising Networks
• Virtual and Augmented Reality
• Emotion Detection

SIGNAL PROCESSING

• Signal Processing Theory and Methods
• Sensor Array and Multichannel Signal Processing
• Multivariable Sensor Systems
• Digital Signal Processing
• Image and Video Processing
• Multichannel Signal Processing
• Biomedical Signal Processing
• Biometrics
• Chaotic and Fractal Systems

• Computer Vision and Pattern Recognition
• Image and Video Processing
• Information Theory and Coding
• Speech Signal Processing
• Signal Processing for Communications and Networking
• Radar and Sonar Signal Processing
• Satellite Signal Processing
• Nonlinear Signal Processing
• Statistical Signal Processing

IFSA

aspai@sensorsportal.com
https://aspai-conference.com/

VENUE

The ASPAI' 2026 will take place in the Melia Palma Marina Hotel, Palma de Mallorca (Balearic Islands), Spain.

The Hotel Melia Palma Marina is located on the seafront promenade, just 500 m from Palma de Mallorca's 14th-century Bellver Castle. Palma Cathedral is only 1.5 km away. This grand hotel features a spa centre, a seasonal outdoor swimming pool and sun terrace with views of the sea and the Bay of Palma. Each air-conditioned room has a balcony and free Wi-Fi. The hotel is situated in 9 km from Palma de Mallorca Airport.
Address: Av. de Gabriel Roca, 29, 07014 Palma, Illes Balears, Spain

COMMITTEE

Chairman:
Prof., Dr. Sergey Y. Yurish (IFSA, Spain)
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Advisory Chairman:
Prof., Dr. Hojjat Adeli (The Ohio State University, USA)

Organizing Committee:
Dr. Mobyen Uddin Ahmed (Mälardalen University, Sweden)
Dr. Sergey Grosman (Siemens PPAL, Germany)
Prof. Sandeep Singh Sengar (Cardiff Metropolitan University, UK)

Conference Manager:
Mrs. Tetyana Zakharchenko (IFSA Publishing, S.L., Spain)

ONE EVENT - THREE DIFFERENT PUBLICATIONS !

1. All registered abstracts will be published in the conference proceedings with the ISBN, ISSN and DOI.

2. Authors will be invited to submit full-page extended papers to one of special journals' issues:

   • Sensors & Transducers (ISSN 2306-8515, e-ISSN 1726-5479) by IFSA Publishing
   • Integrated Computer-Aided Engineering (ISSN: 1069-2509, e-ISSN: 1875-8835) by IOS Press
   • International Journal of Neural Systems (ISSN: 0129-0657, e-ISSN: 1793-6462) by World Scientific

3. Authors will be also invited to submit their book chapters to open access books' chapters for the Book Series on 'Advances in Signal Processing', Vol. 4, 'Advances in Artificial Intelligence', Vol. 3 or 'Advances in Intelligent Systems', Vol. 4, which will be published by IFSA Publishing at the end of 2026.