BIO-SCIENCES INTERPLAY COMPUTATION

IWINAC/ICINAC'26

About Fuerteventura

Fuerteventura, in the Canary Islands, is a unique place in the world, thanks to its more than 150 kilometers of golden sandy beaches overlooking the Atlantic Ocean. The island is the perfect blend of untouched nature and authentic culture, and is one of the most attractive destinations in all of Europe.heritage, and is one of the most touristically developed in all of Europe.

Often hastily labeled as just a sun-and-sea destination, Fuerteventura still offers the curious traveler countless opportunities for a vacation full of discovery and wonder. Endless stretches of fine sand and turquoise waters, striking volcanic landscapes shaped by the wind, romantic sunsets over the ocean, charming fishing villages, and walks through natural reserves such as Corralejo or Jand�a are just some of the experiences that await you if you decide to explore this island paradise.

Beautiful beaches of crystal clear waters, high cliffs against which thundering waves break, romantic sunsets over the sea, pretty urban centers,

Thanks to its mild climate, Fuerteventura can be enjoyed all year round. During the summer you will have the chance to soak up the sun, dive into bluest waters, or try world-class surfing and windsurfing conditions.

We recommend Barcelo Fuerteventura Mar, venue of the conference, or Barcelo Fuerteventura Castillo if you prefer apartments

Invited Speakers

- Dr. Hojjat Adeli, Ohio State University (USA)
- Dr. Pablo Laguna, Universiidad de Zaragoza, (Spain)
- Dr. Mariano Alcañiz, Universidad Politécnica de Valencia, (Spain)

Special Issues (Expected)

- International Journal of Neural Systems (6.4)
- Integrated Computer-aided Engineering (5.3)
- Expert Systems (2.3)
- Natural Computing (1.6)

11th International Conference on the Interplay between Natural and Artificial Computation

FuerteVentura (Spain)

Hotel Barceló Fuerteventura Mar

Organized

Sponsored

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BCD travel

Universidad Politécnica de Cartagena

EUROPEAN UNIVERSITY OF TECHNOLOGY
"Think human first"

UNIVERSIDAD DE GRANADA

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

Scope

The global purpose of this interdisciplinary meeting is to offer a forum for discussion and exchange of ideas between scientists and engineers, trying to contribute to the answer of two basic questions:

- What can Physics, Mathematics, Engineering, Computation, AI and KE contribute to the understanding of Nervous System, Cognitive Processes and Social Behavior?

- How can Physics, Engineering, Mathematics, Computation, AI and KE find inspiration in the behavior and internal operation of physical, biological and social systems to conceive, develop and build new concepts, materials, mechanisms and algorithms of potential value in real world applications?

José Mira's awards

Two prizes, honoured by the name of our founder, Prof. José Mira will be conceded at the end of the Official Dinner. One for the Best paper in Artificial computation and one for the Best paper in Natural computation. Both prizes will consist of an invitation to publish in one of the special issues of the congress and a full registration of one author in the next

Topics

Physical Level:
Computational Neuroscience, Bio-inspired Electronics & Computation, Sensory & Motor Prostheses, Neurolinguistics, Neuroplasticity, Neuromorphic Computing, Neural Regeneration, tDCS.

Symbol Level:
Neural Coding & Neuro-informatics, Evolutionary & Soft computing, Deep Learning, Big Data. Affective Computing & Emotional Technologies.
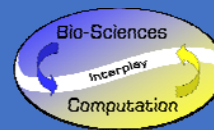
Knowledge Level:
Cognition, Explainable & Ethical AI, Applications in Biology and Health Care, Precision Medicine, Robotics & HCI, Gerontechnology, Biometrics, Medical Images, Speech Processing & Analysis, Ambient Assisted Living, other application domains.

Check the complete topic list at *www.iwinac.eu*

IWINAC Conferences Honorary Chairs
Prof. Hojjat Adeli (USA)
Prof. Rodolfo Llinás (USA)
Prof. Zhou Changjiu (Singapur)

Bio-Sciences
Interplay
Computation

IWINAC Conferences General Chairman
José Manuel Ferrández Vicente (UPCT)

IWINAC Conferences Organizing Committee
Juan Manuel Gorriz (UGR)
Mikel Val (UMU)

AI4NSM Spanish Network
The Artificial Intelligence for Neuroscience and Mental Health Spanish Network will meet on Wednesday, 27 May 2026

NT4SM CYTED Network
The New Technologies for Mental Health Iberoamerican CYTED Network will meet on Wednesday, 27 May 2026

IWINAC'26 important deadlines

Full paper submission due:	February 28, 2026
Acceptance notification:	April 1, 2026
Start of registration:	April 1, 2026
End of "early bird" registration:	April 30, 2026
Conference date:	May 26-29, 2026

Registration modes

- *"Standard"* registration fee includes attending the sessions, coffee breaks, lunches, social events, official dinner and the Conference Proceedings.
- *"Attendant A"* registration fee fee includes the same as Standard, except the Conference Proceedings.
- *"Attendant B"* registration fee only includes social events and official dinner.
- *"2nd paper and more"* registration includes only conference proceedings.
- Registration fees of at least one author for each accepted paper should be paid in full before submission to press (21/4/2026)

Registration fees ("early bird"/normal)

• Standard	€ 600 / € 700
• Session organizer	€ 475 / € 550
• Workshop organizer	€ 475 / € 550
• Attendant A	€ 350 / € 400
Attendant B	€ 250 / € 300
•2nd paper and more	€ 350 / € 400

Call for Papers

The Program Committee requests original papers on the   topics of the conference.
All accepted papers will be published in the proceedings by Springer in the LNCS series. Please check terms, conditions and topics at http://www.iwinac.eu

Call for pre-organized sessions

The Program Committee is requesting proposals for pre-organized sessions. Information about pre-organized sessions can be found also in our web.
The organizers (up to two) of effective pre-organized sessions

Call for pre-organized Workshops

Pre-organized sessions with 8 or more participants will be considered as Workshops.
The orgnizers (up to two) of effective workshops will benefit from a discount on registration fees.