

## About Almería

Almería is a unique tourist destination, a province with an immense natural variety where visitors can enjoy a wide leisure offer comprising: golf courses by the Mediterranean Sea, beaches in spectacular natural settings, inland villages with beautiful spots where you can admire and explore their Moorish past, where time seems to have stopped, with an amazing history, customs and varied cuisine.

The coast of the province of Almería, one of the treasures of the province, has many beautiful coves and fine-sandy beaches which have been the setting of some of the greatest cinema films in the last twenty years.

Quiet fishing villages with charm are waiting for visitors to come to this part of the Earth where time seems to have stopped.

Almería is a land of contrast, an unspoilt area, a secret and mysterious province by the Mediterranean Sea, a place to be discovered.

Organized by:



UNED



UPCT



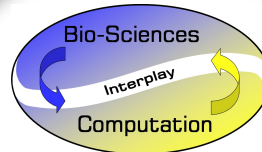
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# IWINAC 2019 ALMERÍA

3-7 June, 2019



Sponsored by

Apliquem Microones S.L.  
RTNAC

(Red Temática Nacional en Computación Artificial y Natural)

8th International Work-Conference  
on the Interplay between  
Natural and Artificial Computation  
Hotel Barceló Cabo de Gata  
El Toyo (Almería), Spain

<http://www.iwinac.org>

**Technical Secretariat**  
Hispania viajes by BCD  
Avda. Maisonave, 11-7º, 03002  
Alicante, Spain  
tlf (+34) 965 22 83 93  
<http://www.viajeshispania.com/>  
e-mail:central@viajeshispania.es



### 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 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?

### Topics

Check [www.iwinac.org](http://www.iwinac.org)

### Invited Speakers

Prof. Hojjat Adeli (USA)  
Prof. Francisco Herrera (Spain)  
Prof. John Suckling (UK)  
Prof. Wagatsuma Hiroaki (Japan)

### Special Issues of JCR Journals (expected)

International Journal of Neural Systems (4,580)  
Neural Computing and Applications (4,213)  
Integrated Computer-aided Engineering (3,667)  
Neurocomputing (3,241)  
Frontiers in Computacional Neuroscience (2,073)  
Expert Systems (1,430)  
Natural Computing (0,860)

### IWINAC General Chairman

José Manuel Ferrández (UPCT)

### IWINAC Organizing Committee

José Ramón Álvarez (UNED)  
Félix de la Paz (UNED)  
Javier Toledo (UPCT)

### IWINAC Local Organizing Committee

Juan Manuel Górriz (UGR)  
Javier Ramírez (UGR)  
Francisco Martínez Murcia (UGR)  
Diego Salas (UGR)  
Ignacio Álvarez Illan (UGR)  
Fermín Segovia (UGR)  
Diego Castillo Barnés (UGR)  
Andrés Ortiz (UMA)  
Manuel Cantón Garbín (UAL)  
Manuel Berenguel Soria (UAL)

### IWINAC 2019 important deadlines

Full paper submission due: 1/31/2019  
Acceptance notification: 4/1/2019  
Start of registration: 4/1/2019  
End of "early bird" registration: 30/4/2019  
Conference date: June 3-7, 2019

### Registration modes

The registration fee includes attending the sessions, coffee breaks, lunches, social events, official dinner and the Proceedings of the Work-Conference.

"Attendant A" registration fee only includes lunches, social events and official dinner.

"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 (21/4/2019)

### Registration fees ("early bird" / normal)

Standard	€ 525 / € 625
Session Organizer	€ 425 / € 525
Attendant A	€ 200 / € 225
Attendant B	€ 125 / € 150
2nd paper and more	€ 325 / € 375

### 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.org>

### 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 of effective pre-organized sessions will benefit from a discount on registration fees.