

Latin American Summer School in Computational Neuroscience – LACONEU 2023



9 - 20 January 2023
Valparaiso - Chile

Further information:
<http://indico.ictp.it/event/10055/>
smr3813@ictp.it

The principal aim of LACONEU is to promote in Latin America the field of Computational Neuroscience through mathematical and computational tools and their applications in Biomedical Research and Artificial Intelligence.

Directors:

R. COFRÉ, Paris-Saclay University, CNRS, France
W. EL-DEREDY, Universidad de Valparaíso, Chile
M. ESCOBAR, Universidad Técnica Federico Santa María, Chile
M. MARSILI, ICTP, Italy
P. ORIO, Universidad de Valparaíso, Chile
A. PALACIOS, Instituto de Sistemas Complejos, Chile

Description:

In LACONEU 2023 we expect to contribute to the development of the great potential, not always well exploited, that Latin America has in the field of numerical sciences: physics, engineering and mathematics. Along LACONEU 2023, we will encourage and motivate young graduate students and researchers to initiate interdisciplinary work on bioengineering and related problems. We will also encourage the creation of regional and international networks of collaborations reflected in joint research projects and theses.

Topics:

- Network dynamics
- Learning in biological and artificial neural networks
- Information processing in neurons and neural networks
- Knowledge representation

ICTP Scientific Contact:

A. CELANI, ICTP, Italy

Speakers:

S. DURA-BERNAL, State University of New York, USA
M. ESCOBAR, Universidad Técnica Federico Santa María, Chile
A. INGROSSO, ICTP, Italy
C. SAVIN, NYU, USA
E. TAGLIAZUCCHI, Universidad de Buenos Aires, Argentina
F. TOBAR, University of Chile, Chile
A. TREVES, SISSA, Italy

How to apply:

Online application:
<http://indico.ictp.it/event/10055/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Deadline:

20 November 2022



The Abdus Salam
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