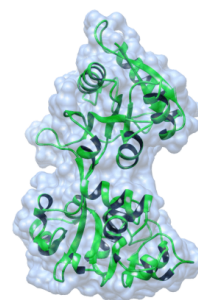




8th International Theoretical Biophysics Symposium (THEOBIO 2017)



26.Jun - 30.Jun 2017

Cód. Z5-17

Mod.:

Presencial

Edición

2017

Tipo de actividad

Workshop

Fecha

26.Jun - 30.Jun 2017

Ubicación

Palacio Miramar

Idiomas

Inglés

Validez académica

40 horas

Web

<http://theobio17.dipc.org>

DIRECCIÓN

Xabier Lopez Pestaña, UPV/EHU. Facultad de Ciencias Químicas

Comité Organizador



Descripción

The use of computational tools to unveil the molecular mechanism of molecular processes is a fundamental area of research that is revolutionizing the way we analyze biology and chemistry in general. In the present conference we will consider the most advanced topics in the field and will be an opportunity for the encounter of experimentalists and theorists. The topics of THEOBIO17 include both methodological development and applications in the field of biophysics including:

- Molecular Dynamics and Monte Carlo Methods
 - Metal-Bioligand interactions
 - Continuum electrostatics
 - Mesoscopic coarse grained systems
 - Enzyme Catalysis
 - Homology modeling
 - Docking/drug design
 - Quantum Chemistry and QM/MM methods .

Local Organizing Committee:

Xabier Lopez (chairman) (UPV/EHU)

Elixabete Rezabal (UPV/EHU)

Elena Formoso (UPV/EHU)

Jon I. Mujika DIPC

Rafael Grande-Aztatzi DIPC

International Committee

- Carlo Adamo, ENSCP - Chimie ParisTech, France
- Leif A. Eriksson, University of Gothenburg, Sweden
- Maria Joao Ramos, University of Porto, Portugal
- Francesca Mocci (University of Cagliari, Italy)
- Nino Russo, University of Calabria, Italy
- Xabier Lopez, UPV/EHU, Spain
- Jesus Ugalde, UPV/EHU, Spain

Objetivos

International Conference on state-of-the-art methods and applications on the computational modeling of biochemical and biophysical systems, comprising from all-atom highly accurate electronic structure calculations to the simulation of mesoscopic systems with coarse-grained method. Both methodological developments and applications will be welcome.

Colaboradores específicos del curso



Dirigido por:



Xabier Lopez Pestaña

UPV/EHU. Facultad de Ciencias Químicas

Precios matrícula

REGISTRATION FEES

HASTA 16-06-2017

Plenary speakers

0 EUR

Regular Fee

200,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa