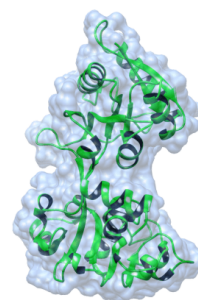




8th International Theoretical Biophysics Symposium (THEOBIO 2017)



26.Jun - 30.Jun 2017

Cod. Z5-17

Mod.:

Face-to-face

Edition

2017

Activity type

Workshop

Date

26.Jun - 30.Jun 2017

Location

Miramar Palace

Languages

English

Academic Validity

40 hours

Organising Committee



Description

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

Course specific contributors



Directed by



Xabier Lopez Pestaña

UPV/EHU. Facultad de Ciencias Químicas

Registration fees

REGISTRATION FEES	UNTIL 16-06-2017
Plenary speakers	0 EUR
Regular Fee	200,00 EUR

Place

Miramar Palace

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa