

Programme

29 May



FAPESP WEEK BARCELONA

STRENGTHENING RESEARCH
COLLABORATION WITH
SÃO PAULO, BRAZIL

29 May 2015

10:00 Plenary lecture

- **Prof. Antonio H. Castro Neto** *Director, Centre for Advanced 2D Materials and Graphene Research Centre National University of Singapore*
Two-dimensional materials: from Graphene to Phosphorene and beyond

Moderator: *Dr. Hugo H. Figueroa, Unicamp.*

Coffee break

11:15 Scientific Session 1: Nanotechnology and Photonics

- **Dr. Niek van Hulst** *Group Leader, ICFO*
Making light work for society.
- **Dr. Pablo Ordejón** *ICN2 Director*
Nanodevices for Societal Challenges
- **Dr. Carlos Frederico de Oliveira Graeff** *UNESP - Bauru*
Electronic Spin Resonance combined with Electronic Structure Calculation as a powerful tool for organic semiconductors characterization
- **Dr. Hugo Luis Fragnito** *IFGW-Unicamp*
Optical Communications and Integrated Photonics

Moderator: *Dr. Laura M. Lechuga, ICN2 Group Leader & Dr. Hugo H. Figueroa, Unicamp.*

13:00 The Big Van Theory

Graphene: The revolution of a pencil by **Elisabet Prats** (*IMB-CNM-CSIC*)

Your future is not about your genes: let's talk about epigenetics by **Helena González** (*IRB*)

13:30 Lunchtime

15:00 Scientific Session 2: Genomics and Human Health

- **Dr. Luis Serrano** *CRG Director*
CRG as an integrative view on biology
- **Dr. Joan Guinovart** *IRB Director*
Chemistry, biology and structures: a magic triangle for new approaches to biomedical research
- **Dr. Anamaria Aranha Camargo** *Centro de Oncologia Molecular Hospital Sirio Libanês, São Paulo*
Cancer genomics and personalized medicine in oncology
- **Dr. Maria José Soares Mendes Giannini** *UNESP (Araraquara)*
Insights of new molecules as antifungal to biofilms and their efficacy by alternative methods

Moderator: *Dr. Anna Bigas, Group Leader, IMIM.*

16:30 Scientific Session 3: Social impact of research

- **Dr. Marta Soler Gallart** *Universitat de Barcelona*
Social and political impact assessment from research.
- **Dr. Manel Esteller** *Program Director, IDIBELL*
Biomedical Research: Health and Economic Impact.
- **Dr. Albert Esteve**, *CED Director*
Demographic research and policy making: a dialogue of the deaf?
- **Dr. Leandro Medrano**, *USP*
Economy, society and the recent transformations in the urban space of Brazilian cities.

Moderator: *Dr. Ada Ferrer, Deputy Director for Academic Programmes of the Barcelona GSE*

17:30 Closing session:

Dr. Carlos Henrique de Brito Cruz *Scientific Director FAPESP*

18:00 Close

REGISTRATION:

www.fapesp.br/eventos/week2015/barcelona_registration

VENUE:

Sant Pau Art Nouveau site. Sant Antoni Maria Claret, 167, Barcelona

MORE INFORMATION:

www.fapesp.br/week2015/barcelona/
www.cerca.cat/en/cerca-conference-2015/