



# workshop

## in molecular electronics



### Saturday, February 16th

- 10:00 – 10:15 **Welcome**
- 10:15 – 11:00 **Rodolfo Miranda**  
*Universidad Autónoma de Madrid*  
*IMDEA-Nanociencia – Spain*  
Evidence for magnetic order in a purely organic 2D layer adsorbed on graphene
- 11:00 – 11:45 **Félix Zamora**  
*Universidad Autónoma de Madrid – Spain*  
High conductance metal-organic nanostructures
- 11:45 – 12:15 **Coffee break**
- 12:15 – 13:00 **Johannes Gierschner**  
*IMDEA-Nanociencia – Spain*  
Structure-Property Control in Conjugated Organic Materials for Optoelectronic Applications
- 13:00 – 15:00 **Lunch at restaurant ‘Arturo Club Cantoblanco’**
- 15:00 – 15:45 **Marcel Mayor**  
*Universität Basel – Switzerland*  
Synthetic Challenges in Molecular Junctions  
Novel Functions and Integration Strategies
- 15:45 – 16:30 **Herre van der Zant**  
*Technische Universiteit Delft – The Netherlands*  
Quantum interference and charging effects in molecular junctions
- 16:30 – 17:00 **Coffee break**
- 17:00 – 17:30 **Jaime Ferrer**  
*Universidad de Oviedo- Spain*  
Conductance variability in graphene-based molecular junctions
- 17:30 – 18:00 **Xiaotao Zhao**  
*Durham University – United Kingdom*  
From Tunneling to Hopping: Design and Synthesis of Oligo(Arylene Ethynylene) Molecular Wires
- 18:00 – 19:00 **MOLESCO Project meeting**
- 21:00 **Dinner at restaurant ‘El Olvido’**  
*Juan Hurtado de Mendoza, n 13, close to the hotel*

### Sunday, February 17th

- 10:00 – 10:30 **Silvio Decurtins**  
*Universität Bern – Switzerland*  
Reflections on some current projects from our research group
- 10:30 – 11:00 **Colin Lambert**  
*Lancaster University – United Kingdom*  
Towards Enhanced Thermoelectric Performance of Molecular Structures
- 11:00 – 11:30 **Coffee break**
- 11:30 – 12:00 **Charalambos Evangelis**  
*Universidad Autónoma de Madrid / IMDEA-Nanociencia – Spain*  
Engineering the thermopower of C60 molecular junctions
- 12:00 – 12:30 **Andrea La Rosa**  
*Universidad Complutense de Madrid – Spain*  
Synthesis of dumbbell molecule at UCM
- 13:00 **Lunch at restaurant ‘Arturo Club Cantoblanco’ / Departure**

instituto  
**IMDEA nanociencia**

IMDEA Nanociencia building  
C/ Faraday 9  
Cantoblanco Campus UAM