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 Evangelou
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