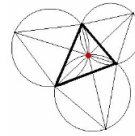


Conference on
Transport at the Nanoscale

25 - 29 September 2017



**Centro
 Internacional de
 Ciencias A.C.**

www.cicc.unam.mx/nano



Notes

Notes

	Monday	Tuesday	Wednesday	Thursday	Friday
10:00 am	1) Nitzan	7) Heller	13) Vozmediano	17) Palma	23) Pastawski
10:30 am					
11:00 am	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:30 am					
12:00 am	2) Herrmann	8) Szpak	14) Wolf	18) Stuyver	24) Barrios-Vargas
12:30 am					
1:00 pm	3) Carrillo-Bastos	9) Castro-Villarreal	15) Sandler	19) Rojas-Iñiguez	25) Serkovic-Loli
1:30 pm					
2:00 pm	Lunch	Lunch	Lunch	Lunch	Lunch
2:30 pm					
3:00 pm	4) Rodriguez-Vargas	10) Barraza-Lopez	16) Foa-Torres	20) Ortiz	26) Mujica
3:30 pm					
4:00 pm	Coffee Break	Coffee Break	Poster session	Coffee Break	Coffee Break
4:30 pm					
5:00 pm	5) Lorke	11) Franco		21) Bustos-Marún	27) Celardo
5:30 pm					
6:00 pm	6) Stegmann	12) Naumis		22) Sadurní	28) Seligman
6:30 pm					
7:00 pm			Conference dinner at the Cave		
7:30 pm					
8:00 pm					

- 1) A. Nitzan: *Transport and optical response in illuminated molecular junctions*
- 2) C. Herrmann: *Pathways in molecular conductance and spin coupling*
- 3) R. Carrillo-Bastos: *Wave Packets Dynamics in deformed graphene*
- 4) I. Rodriguez-Vargas: *Self-similar transport in graphene-based complex structures*
- 5) A Lorke: *Carrier Dynamics in Self-Assembled Quantum Dots*
- 6) T. Stegmann: *Transport in graphene and disordered networks*
- 7) E. Heller: *Ultrafast and Raman spectroscopy for the masses of carbon atoms*
- 8) N. Szpak: *Precise electronic and valleytronic nanodevices based on strain engineering in graphene*
- 9) P. Castro-Villarreal: *Pseudomagnetic field in curved graphene*
- 10) S. Barraza-Lopez: *Beenakker's model for charge transport through graphene, and an overview of 2D materials with structural degeneracies*
- 11) I. Franco: *Atomistic modeling of electromechanical spectroscopies in molecular junctions*
- 12) G. Naumis: *Topological modes in time-periodically driven strained graphene nanoribbons*
- 13) M. Vozmediano: *Chiral anomaly and axial gauge fields in Weyl matter*
- 14) D. Wolf: *Statistical Modelling of Decoherence*
- 15) N. Sandler: *Unique features of transport in graphene revealed by mechanical deformations*
- 16) L. Foa-Torres: *From Floquet topological Insulators to Floquet isolators: A path from topological switching to transport steering*
- 17) J. Palma: *Molecular rectification enhancement and charge transport control based on conformational and chemical modifications*
- 18) T. Stuyver: *Exploring Electrical Currents through Nanographenes: Visualization and Tuning of the Through-Bond Transmission Paths.*
- 19) F. Rojas-Iñiguez: *Quantum Fisher Information and the spin- and charge-current conductivities in spin-orbit coupled systems*
- 20) Y. Ortiz: *Vibrational modes, transport and spontaneous symmetry breaking in carbon chains*
- 21) R. Bustos-Marún: *Geometric rectification for nanoscale vibrational energy harvesting*
- 22) E. Sadurní: *Hidden symmetry in dimeric complexes*
- 23) H. Pastawski: *Decoherent time-dependent transport beyond Landauer-Büttiker: a Quantum Drift alternative to Quantum Jumps*
- 24) J. Barrios-Vargas: *Charge transport in hydrogenated polycrystalline graphene*
- 25) L. Serkovic-Loli: *Chemical vapor deposition graphene grown on dielectric substrates through catalyst metal*
- 26) V. Mujica: *The Role of hydrogen bond in electron transport in molecular junctions*
- 27) G. Celeardo: *Cooperative effects and long range interaction: Cooperative shielding*
- 28) T. Seligman: *A fantasy about quasi 1D carbon molecules with decorations as quantum registers*