

12th Meeting (Winter)

Soft and Polymeric Matter Group
Instituto de Estructura de la Materia
IEM-CSIC

NANO MEETS SOFT III

Date: 15th December 2017

Place: IEM-CSIC

Serrano 121, Madrid 28006

Info: t.ezquerra@csic.es

<http://www.softmatpol.iem.csic.es/>

10:00-10:30	Esther Rebollar ³	Mechanism of Laser Induced Surface Structuring (LIPSS) in semicrystalline polymers
10:30-11:00	Mari Cruz García-Gutiérrez ¹	Confinement effects on PBTTT/PCBM nanoarrays as revealed by X-ray microdiffraction
11:00-11:30	Albert Cirera ²	Memristors, memory ReRAM devices and opportunities of polymers in neuromorphic computation.
COFFEE BREAK		
12:00-12:30	Marianella Hernández ⁴	Self-healing polymers: Extending their lifetime
12:30-13:00	Ivan Navarro-Baena ⁵	Mechanically Enhanced Moth-Eye Anti-Reflective Polymer Surfaces
13:00-13:30	Aurora Nogales ¹	Complex surface periodic nanostructures in polymers obtained by nanosecond pulsed laser irradiation
13:30-14:00	Edgar Gutiérrez ¹	Superficial structuring of PEDOT:PSS thin films: effect on morphological and electrical properties
14:00-14:30	Ismael Gabaldón ²	Induced arrangement of polymer films for organic photovoltaic cells.
LUNCH @ IEM		

¹Instituto de Estructura de la Materia, IEM-CSIC, Madrid

²Departamento de Electrónica, Universidad de Barcelona, Barcelona

³Instituto de Química Física Rocasolano, IQFR-CSIC, Madrid

⁴Instituto de Ciencia y Tecnología de Polímeros, ICTP-CSIC, Madrid

⁵IMDEA Nanociencia, Madrid