

Spotlight POLYMAT

San Sebastián, 26th-29th June 2018

Tuesday 26 th June 2018		
14:00 - 15:30	Registration	
15:30 - 16:00	Opening	
Chairman	Eugenio Coronado	
16:00 - 17:00	Dieter Schlüter <i>EU – Future and Emerging Technologies (FET-Open) Plenary Lecture</i>	2D Polymers: Synthesis in single crystals and on water
17:00 - 18:00	Dirk Guldi <i>Basque Government Plenary Lecture</i>	1D and 2D Nanocarbon Materials for Solar Energy Conversion Schemes
18:00	Welcome Cocktail	

Wednesday 27 th June 2018		
Chairman	Manuel Melle-Franco	
09:00 - 10:00	Omar Yaghi <i>Fomento - San Sebastián Plenary Lecture</i>	Covalent organic frameworks (COFs): Extending organic chemistry into two and three-dimensions
10:00 - 10:15	Javier López-Cabrelles <i>Contributing Lecture 1</i>	Defect-free functionalized magnetic 2D coordination polymers
10:15 - 10:30	Marta Martínez-Abadía <i>Contributing Lecture 2</i>	A Wavy and Highly Crystalline 2D Covalent Organic Framework
10:30 - 11:00	Carlos Martí-Gastaldo <i>Keynote Lecture 1</i>	Charge transport in Ultrathin Films of Metal-Organic Frameworks
11:00 - 11:45	Coffee Break	
Chairman	Carlos Martí-Gastaldo	
11:45 - 12:15	Cinzia Casiraghi <i>Keynote Lecture 2</i>	Water-based and Inkjet printable 2D-Inks: From formulation engineering to all-printed heterostructures
12:15 - 12:30	Nerea Bilbao <i>Contributing Lecture 3</i>	Dynamic Covalent on-surface Chemistry at the solid-liquid interface
12:30 - 12:45	Mina Moradi <i>Contributing Lecture 4</i>	Engineering of two-dimensional highly crystalline free-standing polymer networks based on calixarenes
12:45 - 13:00	Maryam Ebrahimi <i>Contributing Lecture 5</i>	Constructing surface-confined ordered molecular architectures from a hydroxamic acid linker molecule
13:00 - 13:30	Diego Peña <i>Keynote Lecture 3</i>	Bottom-up Approach to Graphene Materials by Combining Organic Synthesis with Surface Science
13:30 - 15:30	Lunch	
Chairman	Johannes Barth	
15:30 - 16:00	Dmitrii Perepichka <i>Keynote Lecture 4</i>	π -Electron Conjugation in 2D Polymers
16:00 - 16:15	Ainhoa Atxabal <i>Contributing Lecture 6</i>	Molecular spectroscopy in a solid-state device
16:15 - 16:30	Victor A. de la Peña O'Shea <i>Contributing Lecture 7</i>	Multifunctional hybrid materials based on conjugated porous polymer for solar fuel production
16:30 - 17:00	Francesco Paolucci <i>Keynote Lecture 5</i>	Hierarchical nanostructures in multi-functional electrocatalysts for the artificial leaf

17:00-18:00		Flash Session/Poster Session
Chairman	Diego Peña	
P01	Andrei N. Khlobystov	<i>Wondrous NanoCarbons</i>
P02	Carlos Gibaja	<i>Antimonene: Recent progress</i>
P03	Vepa Rozyyev	<i>Flexible C-C bonded network polymers for high-density methane storage</i>
P04	Soraia P. S. Fernandes	<i>A Supramolecular Strategy to High-Quality Covalent Organic Frameworks and Their Post-Synthetic Modification</i>
P05	P. Albacete	<i>Layer-Stacking-Driven Fluorescence in a Covalent Organic Framework</i>
P06	Karol Strutyński	<i>Modelling the Electronic structure of Two-Dimensional Conjugated Microporous Polymers</i>
P07	Alberto Riaño Carnerero	<i>Improvement the crystallinity of twisted aromatic frameworks with potential energy applications</i>
P08	Gaolei Zhan	<i>Dynamic study of the 2D-COFs at solid/liquid interface</i>
P09	Eva Sanchez-Rexach	<i>Antimicrobial Poly(<i>ε</i>-caprolactone)/Chloramphenicol Blends for Drug Eluting Medical Devices</i>
P10	Ilias Papadopoulos	<i>Photophysical Characterization of Dibenzoazahexacene Monomers and Dimers</i>
18:00-19:00		Poster Session
P11	Elisabetta Zuccatti	<i>Ambipolar Vertical Organic Field-Effect Transistors and Inverters</i>
P12	Roberto A. Boto	<i>Stacking triangular open-shell graphene fragments</i>
P13	Miguel Martín-Arroyo	<i>Supramolecular Organic Frameworks via Watson-Crick Pairing</i>
P14	Mateo del Rio	<i>Porous Carbons Derived From Metal-Organic Frameworks on Functional Polymer Membranes for the Enhanced Extraction of Pollutants</i>
P15	Ricardo Mallavia	<i>Synthesis and characterization of a novel Green cationic polyfluorene and its potential use as a fluorescent membrane probe</i>
P16	Andreu Figuerola	<i>3D printed devices with immobilized porous materials for pollutant extraction and degradation</i>
P17	Natalia M. Padial	<i>Chemical Engineering of Photoactivity in Heterometallic Titanium-Organic Frameworks by Metal Doping</i>
P18	Juan P. Mora-Fuentes	<i>Synthesis and Characterization of Novel Hole Conducting Pyrene-based precursors for Perovskite Solar Cells</i>
P19	Marco Carini	<i>High-conductance values in π-folded molecular junctions</i>
P20	Diego Cortizo-Lacalle	<i>Atomic-Precision: From Small Molecules To The Largest Nanoribbons</i>
P21	Jose I. Martínez	<i>Making it Functional from Trivial Starting Materials: Gaining Processability in 2D Conjugated Microporous Polymers</i>
P22	Beatriz Alonso	<i>2D materials for efficient CO₂ capture</i>
P23	Javier Mateos-Martín	<i>Polycyclic Aromatic Hydrocarbons from Asymmetric Pyrene Derivatives</i>
P24	Fengkun Chen	<i>Oxidative Fusion Reactions of ortho-Phenylene-Bridged Cyclic Oligo-pyrroles/thiophenes: From Planar [8]Circulene to Helicenes</i>
P25	Antonio Rodríguez-Diéguez	<i>Covalent immobilization of biomedical dysprosium-based metal-organic chains on silicon-based polymer brush surfaces</i>
P26	Silvia Collavini	<i>Poly(ethylene glycol)-[60]Fullerene-Based Materials for Perovskite Solar Cells with Improved Moisture Resistance and Reduced Hysteresis</i>

Thursday 28 th June 2018		
Chairman	Andrei Khlobystov	
09:00 - 10:00	Andreas Hirsch <i>NanoMatMol-RSEQ Plenary Lecture</i>	Chemical Functionalization of Synthetic Carbon Allotropes and the Advent of Black Phosphorus
10:00 - 10:15	Manuel Melle-Franco <i>Contributing Lecture 8</i>	<i>Predicting the Properties of Mono- and Bidimensional Covalent Organic Frameworks</i>
10:15 - 10:30	Josep Puigmartí-Luis <i>Contributing Lecture 9</i>	<i>Engineering controlled reaction-diffusion environments for materials synthesis</i>
10:30 - 11:00	Felix Zamora <i>Keynote Lecture 6</i>	<i>Simple Clues for Imine-based Organic Frameworks Processability</i>
11:00 - 11:45	Coffee Break	

Chairman	Luis Hueso	
11:45 - 12:15	Thomas Bein <i>Keynote Lecture 7</i>	<i>Covalent Organic Frameworks – A Platform for Controlling Photophysical Processes</i>
12:15 - 12:30	Craig Stoppio <i>Contributing Lecture 10</i>	<i>Microscopic analysis of pyrazine-fused conjugated microporous polymers reveal a layered mesoporous structure</i>
12:30 - 12:45	Ali Trabolsi <i>Contributing Lecture 11</i>	<i>Multi-functional Porous Calix[n]arene Polymers</i>
12:45 - 13:00	Lei Shi <i>Contributing Lecture 12</i>	<i>Unraveling Energy Gaps of 2D Graphene Nanoribbons and 1D Linear Carbon Chains by Resonance Raman Scattering</i>
13:00 - 13:30	Cafer Yavuz <i>Keynote Lecture 8</i>	<i>Sustainable porous polymers for water treatment, gas capture and catalysis</i>
13:30 - 15:30	Lunch	
Chairman	Thomas Pichler	
15:30 – 16:00	Ronald Smaldone <i>Keynote Lecture 9</i>	<i>Supramolecular Design Principles for the Synthesis of 2D Covalent Organic Frameworks</i>
16:00 - 16:15	Maria A. Herrero Chamorro <i>Contributing Lecture 13</i>	<i>Versatile Materials based on Carbon Nanohorns and Graphene Quantum Dots for Wide Applications</i>
16:15 - 16:30	Mohsen Aдели <i>Contributing Lecture 14</i>	<i>Polymer-covered Graphene Sheets at Bionterfaces</i>
16:30 - 16:45	Huilei Hou <i>Contributing Lecture 15</i>	<i>Electrochemically Controlled Drug Delivery by Breaking Imine Bond of Graphene-aniline Platform</i>
16:45 - 17:15	Stephanie Schubert <i>Keynote Lecture 10</i>	<i>Stimuli responsive polymeric nanoparticles for drug delivery applications</i>
17:15 - 21:00	Time Slot to Visit San Sebastian	
21:00	Gala Dinner (Nineu, Avenida Zurriola 1, 20002 San Sebastian)	

Friday 29th June 2018		
Chairman	Félix Zamora	
09:00 - 10:00	William Dichtel <i>ThermoFisher Scientific Plenary Lecture</i>	<i>Improved Synthesis of Two-Dimensional Covalent Organic Frameworks</i>
10:00 - 10:15	Daniel Ruiz <i>Contributing Lecture 16</i>	<i>Spin Crossover in an Exfoliated 2-D Coordination Polymer and its Implementation in Thermochromic Films</i>
10:15 - 10:30	Tanmay Banerjee <i>Contributing Lecture 17</i>	<i>Photocatalytic Hydrogen Evolution from Covalent Organic Frameworks with Molecular Cobaloxime Co-catalysts</i>
10:30 - 11:00	Rahul Banerjee <i>Keynote Lecture 11</i>	<i>Porous Framework Materials: Spheres, Films and Membranes</i>
11:00 - 11:30	Coffee Break	
Chairman	Josep Puigmartí-Luis	
11:30 - 12:00	Arne Thomas <i>Keynote Lecture 12</i>	<i>Functional Microporous Polymers for Catalysis and Energy Applications</i>
12:00 - 12:15	Francisco Garcia-Cirujano <i>Contributing Lecture 18</i>	<i>Zr(IV)-MOF confined in mesoporous silica for the activation of carbonyls: synthesis of steroid derivatives</i>
12:15 - 12:30	Mu-Hua Huang <i>Contributing Lecture 19</i>	<i>Practical Synthesis of N-Rich Functional Porous Organic Polymers</i>
12:30 - 13:30	Kian Ping Loh <i>EU - Marie Skłodowska-Curie Actions (MSCA) Plenary Lecture</i>	<i>Recent strategies in the synthesis of 2D polymer and 2D COF</i>
13:30	Prizes and Closing Remarks	

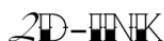
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