

	Sunday 17 th	Monday 18 th	Tuesday 19 th	Wednesday 20 th	Thursday 21 st	Friday 22 nd		
9:00-9:30		T Rojo	K Kanoda	R Oda	N Pascual		9:00-9:30	
9:30-10:00						Brainstorming session:	9:30-10:00	
10:00-10:30		M Giménez	L Bogani	R Matheu	S Mañas		10:00-10:30	
10:30-11:00		MC Ruiz	J Arbiol	A Abhervé	A Forment		10:30-11:00	
11:00-11:30		Coffee break	Coffee break	Coffee break	Coffee break		Coffee break	11:00-11:30
11:30-12:00		MA Herrero	O Céspedes	E Ortí	M Shatruk	Trends & perspectives in 2D Materials	11:30-12:00	
12:00-12:30		E Pérez	D Zueco	E Ruiz			12:00-12:30	
12:30-13:00		F Zamora	E Cánovas	L Escalera	S Barja		12:30-13:00	
13:00-13:30							13:00-13:30	
13:30-14:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	13:30-14:00	
14:00-14:30							14:00-14:30	
14:30-15:00							14:30-15:00	
15:00-15:30							15:00-15:30	
15:30-16:00							15:30-16:00	
16:00-16:30	Registration						16:00-16:30	
16:30-17:00		C Herrmann	N Avarvari	J Puigmartí	H Van der Zant		16:30-17:00	
17:00-17:30	Welcome						17:00-17:30	
17:30-18:00		J Otón	J Barrio	MA Piqueras	Oral Comm.		17:30-18:00	
18:00-18:30		Coffee break	Coffee break	Coffee break	Coffee break		18:00-18:30	
18:30-19:00	N Martín						18:30-19:00	
19:00-19:30		Oral Comm. & Flash presentations	Oral Comm. & Flash presentations	Oral Comm. & Flash presentations	Oral Comm. & Flash presentations		19:00-19:30	
19:30-20:00	Welcome cocktail							
20:00-20:30								Closing & awards
20:00-22:30	DINNER	DINNER	DINNER	DINNER	DINNER & music		20:00-22:30	

Buffet restaurant is open for lunch from 13:00 to 15:30 and for dinner from 20:00 to 22:30

19th European School on Molecular Nanoscience- ESMoLNa2026
3rd European School on Advanced Materials- ESAM2026
12th Workshop n 2D Materials- W2DM2026

Gandia (Valencia, Spain) May 17th to 22nd, 2026

DETAILED PROGRAM

SUNDAY 17th - ESMoLNa & ESAM			
13:00	<i>Lunch</i>		
16:00	<i>Registration</i>		
17:00	Miralles CORONADO- ICMol- U. València (ES)	<i>Welcome/Introduction to Molecular Nanoscience & Advanced Materials</i>	
18:00	Nazario MARTÍN- U. Complutense Madrid (ES)	<i>Hacking Carbon Architectures: The Rise of Molecular Nanographenes</i>	
19:30	<i>Reception Cocktail</i>		
20:30	<i>Dinner</i>		
MONDAY 18th - ESMoLNa & ESAM			
9:00	Teófilo ROJO- U. Basque Country-EHU (ES)	<i>Challenges and perspective in Materials for Energy Storage and Conversion Systems</i>	
10:00	María GIMÉNEZ LÓPEZ- CIQUS/U. Santiago Compostela (ES)	<i>Electrocatalysts Materials for Sustainable Energy Conversion</i>	
10:30	M ^a Carmen RUIZ DELGADO- U. Málaga (ES)	<i>Bridging Experiment and Theory: Unveiling Optical and Electronic Properties in Organic Materials</i>	
11:00	<i>Coffee break</i>		
11:30	M ^a Antonia HERRERO- U. Castilla-La Mancha (ES)	<i>Carbon nanomaterials as versatile platform</i>	
12:00	Emilio PÉREZ- IMDEA Nanoscience (ES)	<i>Chirality in mechanically interlocked derivatives of carbon nanotubes</i>	
12:30	Félix ZAMORA- UAM- IMDEA Nanoscience (ES)	<i>Processable Imine-Based COFs: From Molecular Design to Gels, Aerogels, Membranes, and 3D Printing</i>	
13:30	<i>Lunch</i>		
16:30	Carmen HERRMANN- U. Hamburg (DE)	<i>First-principles and atomistic models for molecular electronics and spintronics</i>	
17:30	Joaquín OTÓN- ALBA (ES)	<i>Multimodal Characterization of Advanced High-Strength Steels by X-ray & Electron Techniques</i>	
18:00	<i>Coffee break</i>		
6 mins Oral Comm	18:30	Alba ROMÁN FLORES- ICMol- U. València (ES)	<i>UIO-66 as platform for in situ encapsulation of nucleic acids and gene delivery</i>
	Alejandra SILVA MAYO- ICMol- U. València (ES)	<i>Interface and Architecture Optimization in PbPc-based Organic Photodetectors</i>	
	Bogusława SMYKLA- Jagiellonian U. (PL)	<i>Anionic dithiolate-Au(I) complexes for the construction of luminescent heterometallic coordination assemblies</i>	
	Julia REQUENA- ICMol- U. València (ES)	<i>Photochemical and Photophysical Properties of Carbon Nano-Onions Towards Combined Phototherapy Applications</i>	
	Maja ROMANOWSKA- Jagiellonian U. (PL)	<i>Theoretical description of samarium(III) complexes: versatile simulation of optical and magnetic properties</i>	
	Piotr GAS- Jagiellonian U. (PL)	<i>Photoluminescent micellar water sensor candidates based on block copolymer incorporating cyanido rhenium(V) complexes</i>	
	Saskia MERZ CHULBI- Dept Química Inorg-anica- U. València (ES)	<i>Tailoring 1D Anilato-Based Coordination Polymers: Synthesis, Structural Studies, and Selective Sensing of Volatile Organic Compounds (VOCs)</i>	
		Alberto MARTÍNEZ GÓMEZ- ICMol- U. València (ES)	<i>Multifunctional cascade enzyme nanoplatform for enhanced tumour starvation under hypoxic conditions</i>

3 mins Flash Pres.	El Mahdi HAMZA- U. Barcelona (ES)	<i>Preparation of nanoengineered Prussian Blue for energy storage</i>	
	Ismael CASCALES ÁLVAREZ- U. Autónoma Madrid (ES)	<i>Functionalization of 3D-printed resins using Covalent Organic Frameworks</i>	
	Polina LENKOVA TOPALSKA- U. Castilla-La Mancha (ES)	<i>Photoactive peptides for the creation of dynamic supramolecular hydrogels</i>	
	Sara JIMÉNEZ BUITRAGO- U. Castilla-La Mancha (ES)	<i>Characterization of controlled release capacity of spherical diaminotriazine hydrogels incorporating magnetite nanoparticles</i>	
	Teresa SAUCEDO CUBERES- U. Autónoma Madrid (ES)	<i>Polymeric solid electrolytes</i>	
	Álvaro GARCÍA VICENT- ICMol- U. València (ES)	<i>Optimization of biomolecule confinement within UiO-66 hybrid biocomposites</i>	
	Carlos MARTINEZ MARTIN- ICMol- U. València (ES)	<i>Ti-based MOFs as Biomimetic Artificial Metalloproteases</i>	
	Pedro MARTÍNEZ RAJOY- ICMol- U. València (ES)	<i>Synthesis of acylhydrazone MOFs</i>	
20:30	<i>Dinner</i>		
TUESDAY 19th - ESMoLNa & ESAM			
9:00	Kazushi KANODA- U. Tokio (JP)	<i>Quantum Criticality in Organic Conductors: Electrons at the Edge of Classical and Quantum Worlds</i>	
10:00	Lapo BOGANI- U. Firenze/Oxford (IT/UK)	<i>Topological invariants and the reactivity of carbon lattices: the hidden quantum mechanical foundations of Clar's rules</i>	
10:30	Jordi ARBIOL- ICREA & ICN2 (ES)	<i>In-situ STEM for Energy and Catalysis Nanomaterials</i>	
11:00	<i>Coffee break</i>		
11:30	Oscar CÉSPEDES- U. Leeds (UK)	<i>Tuning spin physics with molecular interfaces</i>	
12:00	David ZUECO- INMA-CSIC (ES)	<i>Cavity QED with van der Waals chiral magnon cavities</i>	
12:30	Enrique CÁNOVAS- IMDEA Nanoscience (ES)	<i>Electrical Characterization of Metal Organic Frameworks by Time Resolved THz Spectroscopy</i>	
13:30	<i>Lunch</i>		
16:30	Narcis AVARVARI- MOLTECH-Anjou, CNRS-U. Angers (FR)	<i>Chirality related properties in molecular materials</i>	
17:30	Jesús BARRIO HERMIDA- Imperial College London (UK)	<i>Design of carbon-based electrocatalysts with zeolitic imidazole frameworks</i>	
18:00	<i>Coffee break</i>		
6 mins Oral Comm	18:30	Adrián SANCHIS PERUCHO- U. Santiago Compostela (ES)	<i>Tuning Spin-Crossover Behaviour for Pressure-Induced Thermal Effects</i>
	Annena JESUMAN- ICMol- U. València (ES)	<i>Ammonia Induced Framework Transformations and Spin-Crossover in Fe(II) Hofmann MOFs</i>	
	Carlos QUESADA PÉREZ- U. Alicante (ES)	<i>Competing spin correlations and their spectra between magnetic molecules coupled to superconducting leads</i>	
	Carmen ROSALES MARTÍNEZ- ICMol- U. València (ES)	<i>Defect Engineering in Multivariate Metal–Organic Frameworks toward versatile applications</i>	
	Diego LÓPEZ ALCALÁ- ICMol- U. València (ES)	<i>Chemical Engineering of Altermagnetism in Metal–Organic Frameworks</i>	
	Garóe MEDINA-AGUILAR- U. Santiago Compostela (ES)	<i>Pressure-Activated Spin Crossover in flexible metallomesogens</i>	
	Hubert DZIEŁAK- Jagiellonian U. (PL)	<i>Multifunctional coordination polymer with azido-pentacyanidocobaltate(III) linkers: impact of solvent vapor sorption on SHG, luminescence, and magnetism</i>	
	Jan SIERZEGA- Jagiellonian U. (PL)	<i>Multifunctional molecular materials based on lanthanide complexes with dithiocarbamate ligands</i>	
	María TAMAYO- ICMol- U. València (ES)	<i>Ultrastable pyrazolate porphyrin metal-organic frameworks for gas adsorption</i>	
	Maria Amparo LOPO MARCH- ICMol- U. València (ES)	<i>Functionalized Metal–Organic Frameworks for Imaging</i>	
3 mins Flash Pres.	David VALCARRERAS SANLORENZO- ICMol- U. València (ES)	<i>[1.1.1]propellane electrophilic activation by alkylboronates: a route to complex cyclobutanes</i>	
	Hanane EL MANSOUR EL JASTIMI- ICMol- U. València (ES)	<i>Synthesis and characterization of novel spin crossover and single-molecule magnet complexes</i>	
	Higinio MAQUEDA MÁRQUEZ- ICMol- U. València (ES)	<i>Reversible I₂ Uptake as a Strategy to Enhance Spin-Crossover Hysteresis in a Fe(II) Hofmann-Type MOF</i>	

	Ramón RODRÍGUEZ MINIÑO-CIQUIS - USC (ES)	<i>Towards Anthraquinone-Phosphonate Metal-Organic Frameworks</i>
20:30	<i>Dinner</i>	
WEDNESDAY 20th - ESMoLNa & ESAM		
9:00	Reiko ODA- U. Bordeaux-CNRS (FR)	Mesoscopic and hierarchical « chiral » objects to measure chirality
10:00	Roc MATHEU- U. Barcelona (ES)	<i>Towards solid-solid phase change materials (PCMs) with high latent heat and thermal conductivity</i>
10:30	Alexandre ABHERVÉ- MOLTECH-Anjou, CNRS-U. Angers (FR)	<i>Chiral Halide Perovskites: Influence of Crystal Symmetry on Spin and Light Polarization</i>
11:00	<i>Coffee break</i>	
11:30	Enrique ORTÍ- ICMol- U. València (ES)	<i>Charge transport in organic semiconductors for perovskite solar cells</i>
12:00	Eliseo RUIZ- U. Barcelona (ES)	<i>Room-Temperature Single-Molecule Electronics: From Molecules to Supramolecular Entities</i>
12:30	Luis ESCALERA MORENO- TU. Hamburg (DE)	<i>Classical and Quantum Simulation of Materials for Quantum Technologies</i>
13:30	<i>Lunch</i>	
16:30	Josep PUIGMARTÍ- ICREA/U. Barcelona (ES)	Unlocking materials innovation with microfluidic technologies
17:30	Miguel Ángel PIQUERAS- OESIA (ES)	
18:00	<i>Coffee break</i>	
18:30	Ana PUCHADES ORTIZ- ICMol- U. València (ES)	<i>Sequential Vacuum Deposition of Cs/Cl-Alloyed FAPbI₃ Perovskite Absorbers</i>
	Andrés MARTÍNEZ GARCÍA- U. Alicante (ES)	<i>Mechanosensitivity in dithia-helicenes through thermopower and conductance</i>
	Carsen Alise CARTLEDGE- ICMol- U. València (ES)	<i>Substrate Temperature Effects in Vacuum-Deposited Narrow Bandgap Perovskite Solar Cells Featuring In Situ Photoluminescence Monitoring</i>
	Guillem PELLICER- U. Alicante (ES)	<i>Quantum Transport Measurements in Single-Molecule Glycerol Junctions: A Machine Learning Analysis</i>
	Inma GOMAR-FERNÁNDEZ- ICMol- U. València (ES)	<i>Large Area Close-Space Sublimation Enables Efficient and Stable Perovskite Solar Cells</i>
	Lennart VAN DEN HENGEL- ICMol- U. València (ES)	<i>Evaporator design to tackle organic deposition speed bottle neck for Perovskite PV towards industrialization.</i>
	Michael MUSIOŁ- Jagiellonian U. (PL)	<i>Conductivity and Magnetization Switching in Ni-Fe Cyanido-Bridged Coordination Polymer Through H₃O⁺/NH₄⁺ Exchange</i>
6 mins Oral Comm	Moisés Gilberto ZARZOZA MEDINA- U. Castilla-La Mancha (ES)	<i>Magnetic, hydrogen-sensing, (Fe)Pd alloy nanoparticles and their oxidation to a Pd-FeO_x core-shell structure</i>
	Austin Brooks WARWICK- U. Valladolid (ES)	<i>Green-Synthesized AuNPs from Grape Extracts: Extract-Dependent Effects on Nanoparticle Size and Sensor Performance</i>
	Carla BESELER LEÓN- U. Politècnica València & U. València (ES)	<i>Synergistic Antimicrobial Activity of Natural Peptide-Functionalized Mesoporous Silica Nanoparticles Loaded with Essential Oil Components</i>
	Francisco Javier CARRASCO TORRES- ICMUV- U. València (ES)	<i>Lead Halide Perovskite Nanocomposites for Down-Conversion LEDs</i>
	Julieta VELASCO MARTÍNEZ-PARDO- U. Autónoma Madrid (ES)	<i>Label free magnetic nanoparticles as dual nanothermometers/nanoheaters: from CoFe₂O₄ to Synomag</i>
	Lucía MARTÍNEZ MOYA- ICMol- U. València (ES)	<i>Close-Space Sublimation for Perovskite/Silicon Tandem Solar Cells</i>
	Manuel REGUILÓN MONCIÓN- ICMol- U. València (ES)	<i>Dry-Processed Wide-Bandgap Perovskite Solar Cells</i>
3 mins Flash Pres.	Raquel HERNÁNDEZ BENÍTEZ- ICMol- U. València (ES)	<i>Design and Enantioselective Performance of a Copper-Based Metal-Organic Framework</i>
	<i>Dinner</i>	
	THURSDAY 21st - ESMoLNa & ESAM & W2DM	
9:00	Nacho PASCUAL- CIC NanoGUNE (ES)	Magnetic nanographenes on superconductors: topology, edge spins, and YSR states

10:00	Samuel MAÑAS- ICMol- U. València (ES)	<i>Quantum sensing with 2D materials: imaging magnetic waves</i>
10:30	Alicia FORMENT- ICMol- U. València (ES)	<i>Molecular tools for 2D materials</i>
11:00	<i>Coffee break</i>	
11:30	Michael SHATRUK- Florida State U. (USA)	<i>Principles of Materials Design for Efficient Spin-State Switching in Ultrathin Layers</i>
12:15	Sara BARJA- U. Basque Country- EHU (ES)	<i>From Surface Science to Electrochemistry: Model Systems for Interface and Reaction Studies</i>
13:30	<i>Lunch</i>	
16:30	Herre VAN DER ZANT- T.U. Delft (NL)	<i>Spin-Hall effect in magnetic graphene</i>
17:30	Calisa Carolina DA SILVA DIAS DE OLIVEIRA- ICMol- U. València (ES)	<i>Curie Temperature Enhancement and Modified Magnetic Universality Class in 2D CrCl₃ via epitaxial growth</i>
6 mins Oral Comm	Daniela Alejandra CÉSPEDES LLANOS- ICMol- U. València (ES)	<i>Solution-processed asymmetric functionalization of POM-sensitized MoS₂ for enhanced HER</i>
	Federico JUAREZ DOMINGUEZ- ICMol- U. València (ES)	<i>Electrochemistry in NiFe-LDH</i>
	Filippo MIONE- ICMol- U. València (ES)	<i>Strongly bound excitons in the layered material BiI₃: a thickness and temperature dependent study</i>
18:00	<i>Coffee break</i>	
6 mins Oral Comm	18:30 Giuseppe DI MAIO- U. Calabria (IT)	<i>2D Gold Nanocubes Monolayers: A Multifunctional Plasmonic Architecture for Electronics and Sensing</i>
	Luuk MURIS- ICMol- U. València (ES)	<i>Systematic Raman study of β-Ni(OH)₂: Disorder and influence of cations</i>
	Marc LÓPEZ MOLLÁ- ICMol- U. València (ES)	<i>Covalent Surface Functionalization of 2D-Bismuthene Nanosheets</i>
	Patricia FERRER ALCARAZ- U. Alicante (ES)	<i>Correlation between growth conditions and superconducting performance in e-beam deposited Nb thin films</i>
	Paula TORRES GARCÍA- INAMOL. UCLM (ES)	<i>Unconventional physical behaviors of highly corrugated superconducting niobium thin films</i>
Yousra DIOUANE- ICMol- U. València (ES)	<i>Stepwise Compositional Design of High-Entropy NiFe-LDHs for Enhanced Oxygen Evolution Reaction Performance</i>	
3 mins Flash Pres.	Ainhoa CANO- IMDEA Nanociencia (ES)	<i>Designing amphiphilic DNA nanostructures through synthetic control</i>
	Haritz MENTASTE RUIZ- ICMol- U. València (ES)	<i>Modulating WSe₂ photoluminescence through ferroelectric polarization coupling in a van der Waals heterostructure</i>
	Laura GONZÁLEZ CERVERA- ICMol- U. València (ES)	<i>Implementation of 2D Materials in Memristive Materials for Neuromorphic Computing</i>
	Luis MARCO SABATER- ICMol- U. València (ES)	<i>Design of small molecules for the degradation of 3D DNA structures</i>
	Natalia CASTRO REINA- ICMol- U. València (ES)	<i>Surface Engineering of MoS₂ with Polyoxometalates toward Improved HER Performance</i>
19:45	Closing and GENAM-RSEQ Awards to best Flash Presentation or Oral Communication	
20:30	<i>Dinner & music</i>	
FRIDAY 22nd - W2DM		
9:30	Brainstorming session: Trends and perspectives in 2D Materials	
11:00	<i>Coffee break</i>	
11:30	Brainstorming session: Trends and perspectives in 2D Materials	
13:00	<i>Lunch</i>	

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