




April 7, Wed

MOZART annual meeting Organized by C. Magén, C. Gatel and L.M. Laeroix **CANCELLED**

April 8, Th

	Time	Speaker	Affiliation	Title
Invited	09:10	J.A. Martín Gago	ICMM, CSIC, Madrid	Nanoscience for understanding dust and molecular complexity in the cosmos 
Trends in Nanotechnology instrumentation (10:00-13:15) chair: J. Lobo	10:00	Valvidares, Manuel	ALBA synchrotron, Barcelona	Soft X-ray magnetic dichroism and scattering synchrotron approaches for magnetic nano materials
	10:20	Orús, Pablo	INMA, CSIC-Universidad de Zaragoza	Recent findings in superconducting W-C nanostructures using Focused Ion Beams
	10:40	Pablo-Navarro, Javier	Helmholtz-Zentrum Dresden-Rossendorf (HZDR)	Focused-electron-beam deposition assisted by an electrically-biased patterned metal structure
	11:00			Coffey Break
	11:30	Diego, Lander	Antec (SME), Bilbao	Antec Magnets & Nanotechnology
	11:45	Sarmiento, Gustavo	Suprasys (SME), Bilbao	SUPRASYS, your partner for sample environment
	12:00	Zurutuza, Amaia	Graphenea (SME), San Sebastián	Graphene foundry
	12:15	Herrero Gómez, Pablo	DIPC, San Sebastián	Liquid injection of macromolecules in ultra-high vacuum
On surface synthesis of nanomaterials (15:00-17:40) chair: J.I. Pacual	12:35	Peña-Díaz, Marina	CFM, CSIC-UPV/EHU, San Sebastián	Potential Induced Structure Changes at Au(111) Surface in Acidic Solution
	12:55	Pelaez-Fernandez, Mario	LMA, Universidad de Zaragoza	Tuning of plasmonic response of high aspect-ratio Au Nanowires through laser irradiation: a STEM/EELS study
	13:15			Lunch
	15:00	Salvador, Alba	INMA, CSIC-Universidad de Zaragoza	Ultrafast growth of metallic deposits by focused ion beam induced deposition under cryogenic conditions (Cryo-FIBID)
	15:20	Hernández-López, Leyre	INMA, CSIC-Universidad de Zaragoza	Searching for edge states in a predicted organic topological insulator
	15:40	Schneider, Kathrin	CEMES, CNRS, Toulouse	UV assisted synthesis of poly-para-phenylene on Ag(100)
	16:00	Tenorio, María	ICN2, Barcelona	Built-in atomically precise heterojunctions from hybrid Nanoporous graphene
	16:20			Coffey break
16:40	Berdonces-Layunta, Alejandro	DIPC, San Sebastián	Addressing the stability of chiral graphene nanoribbons	
17:00	Lauwaet, Koen	IMDEA Nanociencia, Madrid	Diradical Organic One Dimensional Polymers Synthesized on a Metallic Surface	
17:20	Durán, Jose Ramón	ICN2, Barcelona	Transferring and Contacting Atomically Precise Graphene Nanostructures	
20:00			On-line event (beer friendly): Juggling and Maths (by Serendipia Productions) 	

April 9, Fr

	Time	Speaker	Affiliation	Title
Invited	09:10	María Varela	Universidad Complutense de Madrid	Tales from the Nanoworld 
Nanostructured functional oxides (10:00-12:50) chair: C. Rogero	10:00	Hettler, Simon	LMA, Universidad de Zaragoza	STEM-EELS analysis of Fe ₃ O ₄ @CoFe ₂ O ₄ @Fe ₃ O ₄ core-shell-shell nanoparticles
	10:20	Crespo Villanueva, Adrián	ICMAB, CSIC, Barcelona	Structural characterization of the anatase-TiO ₂ (001) film surface
	10:40	Fuentes, Víctor	ICMAB-ICN2, Barcelona	Effects of the dimensionality driven metal-insulator transition on strontium iridate memristors
	11:00			Coffee break
	11:30	Domínguez-Celorrío, Amelia	CEMES, CNRS, Toulouse	Controlled gating of graphene nanoribbons onto intercalated MgO monolayers
	11:50	Bernechea Navarro, María	ARAID/INMA, CSIC-Universidad de Zaragoza	Opportunities of using NiOx nanoparticles to grow thin films
	12:10	Louiset, Antonin	CEMES, CNRS, Toulouse	Thin film transfer of piezoelectric LiTaO ₃ on Si : focus on structural and chemical modifications
Nanomagnetism (15:00-16:20) chair: E. Snoeck	12:30	Boix, Raúl	INMA, CSIC-Universidad de Zaragoza	New nanostructured metal oxides for use in photocatalysis
	12:50			Lunch
	15:00	Gracia-Abad, Rubén	INMA, CSIC-Universidad de Zaragoza	Magnetotransport Phenomena in Bi ₂ Se ₃ Thin Films
	15:20	Andersen, Ingrid Marie	CEMES, CNRS, Toulouse	Field tunable 3D magnetic states in CoNi nanowires
	15:40	Martín-Río, Sergi	ICMAB, CSIC, Barcelona	Ferromagnetic Resonance exposed: magnetization dynamics and applications
16:00	Bartolomé, Fernando	INMA, CSIC-Universidad de Zaragoza	Magnetism of a Cr ₁₀ molecular wheel with S=9 ground-state	

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