

Thursday, 12th June

14.00h	Registration	
14.30h	Opening	
Session 1	Chair: Inés Adam Cervera	
15.00h	L1	Beatriz Climent Piqueras y José David Badía Valiente: "Ciencia Abierta"
16.00h	Cátedra AIMPLAS-UV: José David Badía Valiente	
16.15h	OC1	María Dolores Garrido: "Modulable pore enlargement in stöber-type mesoporous silica via controlled biodegradation in simulated physiological media"
16.30h	OC2	Pau Peiró-Vila: "From trial-and-error to model-based optimisation: Effective method development in liquid chromatography"
16.45h	OC3	Clara Cabrero-Tejero: "Does melatonin contribute to DNA damage in oxidative and inflammatory conditions?"
17.00h	Coffee break	
Session 2	Chair: José Huerta Recasens	
17.30h	OC4	Luis Fernando Jiménez-Hernández: "Thermoregulation capacity of biobased nanocapsules of organic phase change materials"
17.45h	OC5	Sofía Hidelgar Casal García: "Two new XR-sensitive Rare-Earth organic-inorganic dimeric silicotungstates"
18.00h	OC6	Michele Forzatti: "Efficient blue narrowband emission from an ultrathin hyperfluorescent MR-TADF emissive layer"
Session 3	Chair: Carmen Rosales Martínez	
18.15h	OC7	Jordi Roig-Rubio: "A new chemosensor to detect cathinones and ketamine in soft drinks"
18.30h	OC8	Abdelazim M.A. Abdelgawward: "EasyPARM: a python-based tool for automating force field parametrization of metal complexes"
18.45h	OC9	Paula Ponz-Perelló: "Preliminary results of the evaluation of the dietary exposure to perchlorate via high-performance liquid chromatography tandem mass spectrometry"

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Session 4	Chair: Gerardo Gustavo Ripoll Rascheya	
9.30h	Aguas de Valencia: Elías Colom Hernández	
10.00h	OC10	Carlos J. Tereba-Mamani: "Exploring the function of cations and anions in aqueous liquid chromatography using sodium dodecyl sulfate and imidazolium ionic liquids as mobile phase additives"
10.15h	OC11	Pablo Cárcelos-Román: "NIR light-driven photocatalytic organic synthesis"
10.30h	OC12	Sara Soriano-Hernández: "Near-Infrared spectroscopy coupled with chemometrics for rapid cocaine purity determination in seized samples"
10.45h	OC13	Víctor Albiñana-Martínez: "Photocatalytic Hydroxytrifluoromethylation of Alkenes by Near Infra-Red Light"
11.00h	Coffee break	
Session 5	Chair: Pau Armada Sanchis	
11.30h	OC14	Carmen Fernández Conde: "Engineering MOF-Nanoparticle interfaces via time-resolved injection for enhanced photocatalysis"
11.45h	OC15	María Fernanda Florez-Angarita: "Through-bond vs. through-space conjugation in phenyl-based polymers"
12.00h	OC16	Cristina Pintado: "Engineering cobalt(II)/anilato architectures via cation selection investigating the effect of Zn(II) doping: From monomers to chains"
Session 6	Chair: Sergio Ruiz Gamarra	
12.15h	OC17	Víctor Navarro-Esteve: "Optimization of diabetic kidney disease diagnosis through the in silico infrared spectrum of urine"
12.30h	OC18	Andrea Lázaro-Gómez: "Comprehensive photophysical evaluation of the interaction between triphenylamine derivatives and non-canonical DNA"
12.45h	OC19	Carlos Pardo-Cortina: "Efficient (enantio)separation: a new smart chromatographic parameter"
Session 7	Chair: José Huerta Recasens	
13.00h	FC1	Beatriz Alba-Sangrós: "Introducing chirality into 2D materials"
13.05h	FC2	Pablo Soldevila: "Metabolism study of 25B-NBOMe in pig plasma"
13.10h	FC3	Carlos Sánchez-García: "Design of biocompatible upconversion nanoparticles for NIR-driven molecular recognition: miRNA detection and biological evaluation"
13.15h	FC4	Sena E. Adjovi: "Computational study of ZnO surface catalysis: adsorption of H ₂ O and O ₂ as a pathway to ROS formation"
13.20h	FC5	Paula Gabriela Garnero Cambi: "Development and characterization of hydrogel precursors derived from biopolymer blends"
13.25h	FC6	María Pilar Agustín-Mahiques: "Controlling protein immobilization in MOFs: The role of ligand building UiO-66 frameworks"
13.30h	Lunch break	
Session 8	Chair: Cristina Rodríguez Carrillo	
15.30h	L2	Javier García Martínez: "Catalizando la revolución verde"
17.30h	Closure	