



Synthesis & Catalysis Workshop 2023

PROGRAM

Monday 6th November

08H30-09H00	Registration
09H00-09H20	Opening Session Prof. Dr. Ana Isabel Aguiar-Ricardo – Head of the Chemistry Department <i>NOVA School of Science and Technology</i> Prof. Dr. Eurico Cabrita – Vice-Dean Innovation and Research <i>NOVA School of Science and Technology</i> Prof. Dr. Vasco Bonifácio – <i>Sociedade Portuguesa de Química</i>
<i>Chair: Maria Manuel Marques</i>	
09H20-10H10	PL1 Polyfunctional Li, Na, Mg and Zn Organometallics in Organic Synthesis Prof. Dr. Paul Knochel <i>Ludwig-Maximilians-Universität</i>
10H10-10H20	OC1 Molybdenum Triazolylidenes for the Dehydrogenative Synthesis of Quinolines Beatriz Isabel Serrano Garcia, ITQB NOVA
10H20-10H30	OC2 Well-defined copper (I) catalysts for the chemoselective oxidation reaction of alcohols to aldehydes Beatriz Machado, LAQV-REQUIMTE, FCT NOVA
10H30-10H40	OC3 A Novel and Effective Approach for the Asymmetric Synthesis of Oleocanthal and Oleacein Beatriz Torgal Martins, ITQB NOVA
10H40-10H00	<i>Coffee-Break</i>
11H00-12H00	PL2 Better Organic Synthesis with light - online Prof. Dr. Burkhard Koenig <i>Institut für Organische Chemie, Universität Regensburg</i>
12H00-14H00	Lunch
<i>Chair: Maria Manuel Marques</i>	
14H00-14H50	PL3 Flipping the Switch: Reversibility and Catalytic Reactions - online Prof. Dr. Mark Lautens <i>University of Toronto</i>
14H50-15H00	OC4 Synthetic Approaches and Computational Modeling of Naturally Occurring Phenolic Carbohydrate Esters as Lead Pharmaceuticals Verónica Raissa dos Santos Maciel, LAQV-REQUIMTE, FCT NOVA
15H00-15H10	OC5 A New Bio-Based Nitrogen-Rich Furanic Platform Alternative for Lignocellulosic Derived Furfurals Rafael Filipe Teixeira Arbuez Gomes, iMed FF UL



15H10-15H20	OC6 Electrochemical cyanation of sparteine in continuous flow Duarte Breia Clemente, CQE FCUL UL
15H20-15H40	Coffee-Break
15H40-17H00	Round Table Bridging Academia with Industry Dr. Ana Nunes - NOVA School of Science and Technology Prof. Dr. Eurico Cabrita - Vice-Dean Innovation and Research NOVA School of Science and Technology Prof. Dr. Carlos Afonso –Faculty of Pharmacy, University of Lisbon Hovione

Tuesday 7th November

Chair: Maria Manuel Marques

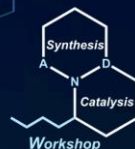
09H00-09H10	OC7 Heteroleptic Copper(I) Complexes Based on NHC Carbenes as Catalysts for the Synthesis of Imines and Propargylamine Derivatives Diogo Costa, LAQV-REQUIMTE, FCT NOVA
09H10-09H20	OC8 Synthesis of novel potentially bioactive D-Glucuronamide-based Nucleoside Analogs Containing 1,2,3-Triazole Units Domingos Morais Manuel, CEQ FCUL UL
09H20-09H30	OC9 Acenaphthylene-based chromophores for DSSCs: synthesis, spectroscopic properties, and theoretical calculations Gabriela Malta, LAQV-REQUIMTE, FCT NOVA
09H30-10H20	PL4 Taming multifaceted nickel catalysts: an academic fascination - online Prof. Dr. Ruben Martin Institute of Chemical Research of Catalonia (ICIQ)
10H20-10H30	OC10 Synthesis and exploitation of the biological profile of novel 5'-azido/guanidino xylofuranosyl nucleosides Jennifer SZilagyi, CQE FCCUL UL
10H30-10H40	OC11 Monofunctionalized p-sulfonatocalix[4]arenes as versatile effector molecules Joana N. Martins, LAQV-REQUIMTE, FCT NOVA
10H40-11H00	Coffee-break

Chair: Paula Branco

11H00-11H10	OC12 Non-activated bicyclic aziridines - a platform to access enantioenriched aminocyclopentenes João André Camilo Oliveira, IMed FF UL
11H10-11H20	OC13 Synthesis of solvatochromic phenylamino-coumarin dyes and their application as agents capable of labelling bacterial cell membranes João Sarrato, FCT NOVA
11H20-11H30	OC14 Practical Palladium-catalyzed switchable access to Imines and Amines from secondary alcohols Daniel Raydan, LAQV-REQUIMTE, FCT NOVA and ITQB NOVA

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Caparica | 6-7th November



11H30-11H40	OC15 <i>A Wet impregnation strategy for non-noble metal catalyst towards Oxygen Evolution Reaction</i> Jorge Filipe Soares Teixeira, LBAPE, Bondalti and LAQV-REQUIMTE, FCT NOVA
11H40-11H50	OC16 <i>Fostering Asymmetric Synthesis: Flow Enzymatic Kinetic Resolution of Bicyclic-Aziridines</i> Milene A. G. Fortunato, IMed FF UL
11H50-12H00	OC17 <i>Synthetic strategy to achieve floridoside phosphotriesters</i> Luís Pinheiro, LAQV-REQUIMTE, FCT NOVA
12H00-14H00	Lunch
14H00-14H10	OC18 <i>From pyridine to (-)-agelastatin A: Total synthesis</i> João R. Vale, IMed FF UL
14H10-14H20	OC19 <i>Scaling Up Sustainable Fuel Desulfurization Using Catalytic Membranes</i> Rui G. Faria, LAQV-REQUIMTE, FC UP
14H20-14H30	OC20 <i>Synthesis and Anticancer Potential of Novel D-Glucopyranuronamide-base Nucleosides and Triazole-Linked Pseudodisaccharide Derivatives</i> Tânia Moreira, FC UL
14H30-14H40	OC21 <i>Novel synthetic methodologies for cellulose derivatization</i> Tiago Paiva, LAQV-REQUIMTE, FCT NOVA
14H40-14H50	OC22 <i>Green synthesis of Organic Salts and Ionic Liquids of Active Pharmaceutical Ingredients</i> Francisco Faísca, LAQV-REQUIMTE, FCT NOVA
15H00-17H00	Synthesis&Catalysis Challenge
17H00	Closing Session