

Comunicações Orais Curtas

Sessão COC-1, 21 de Julho

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| COC1/CP60 | Enzyme meets carbon: A laccase-biochar composite for enhanced diclofenac removal and by-product profiling via mass spectrometry <i>Hugo F. Rocha*</i> |
| COC2/CP61 | Towards a multi-scale sustainable process optimization: coupling kinetics, reactor and process models with environmental impact <i>Thomas Hietala*</i> |
| COC3/CP62 | Shades of red: A chemical exploration of pigments and dyes in 19th century postage stamps by a multi-analytical methodology <i>Simone C .R. Ferreira*</i> |
| COC4/CP63 | Tracing the purple colour of the past: a photophysical and photochemical investigation of shikonin in a cultural heritage context <i>Catarina M. Pinto*</i> |
| COC5/CP64 | Mixed ionic and electronic conductivity in a tetrathiafulvalene-phosphonate metal-organic framework <i>Catarina Ribeiro*</i> |
| COC6/CP65 | Naphthalimide-based chemosensors for cadmium detection at physiological pH <i>Liliana J. Gomes*</i> |
| COC7/CP66 | Biomolecular study of a new cyclometalated ruthenium complex with benzo[h]quinoline and nitrosyl ligands <i>Pedro Henrique Oliveira Nazar*</i> |
| COC8/CP67 | Crossing barriers: a mechanistic look at drug permeability through biomembranes <i>Margarida M. Cordeiro*</i> |
| COC9/CP68 | Photodynamic antimicrobial biopolymeric films for healthcare applications <i>Carolina V. Domingos*</i> |
| COC10/CP69 | A novel triphasic Zn(II)-chrysin system: from crystal architecture to promising anticancer action <i>Ariana C. F. Santos*</i> |

Sessão COC-1, 22 de Julho

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| COC11/CP130 | Underexplored cultures for healthy and sustainable foods <i>Tiago Alves*</i> |
| COC12/CP131 | From lab to real waters: engineering MoS₂ nanoadsorbents for efficient cationic dye removal <i>Leonardo O. Amaral*</i> |
| COC13/CP132 | Modeling co-processing effects in the hydroconversion of advanced renewable feedstocks <i>Arij Ben Hassine*</i> |
| COC14/CP133 | Optimizing biogas production via ozone sludge pretreatment <i>Safaa Alqudah*</i> |
| COC15/CP134 | Development of plant-based meat analogues using potato protein and vegetable-fruit derived ingredients |

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| | <i>Vasco Trincão da Silva*</i> |
| COC16/CP135 | Illustrating light-responsive host-guest chemistry <i>Miriam Colaço*</i> |
| COC17/CP136 | New carbon/bismuth oxide-based nanohybrids for smart energy harvesting and storage textile devices <i>Rúben Feiteira*</i> |
| COC18/CP137 | Engineering light-responsive textiles: The role of polymers in WO₃-spiro-based photochromic nanohybrids <i>Joana S. Teixeira*</i> |
| COC19/CP138 | Design and total synthesis of staphylopine inspired metallophore analogues for diagnostic and antimicrobial applications <i>M. Eduarda Ramos*</i> |
| COC20/CP139 | Investigation of the cellular transport mechanisms of a novel carboxamide halogenated bacteriochlorin <i>Mafalda Penetra*</i> |