

## PROGRAMME/PROGRAMA

**Friday, November 30<sup>th</sup>**

10.00-11.00	Registration and reception
11.00-11.00	Opening
Chair	Cristina Freire
11.10-12.00	<b>PL1 Eugenio Coronado</b> Multifunctionality and switching in molecular materials
12.00-12.20	<b>CO1 João Costa Pessoa</b> Polymer bound oxovanadium(IV) complex of L-cysteine derived ligand for the oxidative amination of styrene
12.20-12.40	<b>CO2 Clara Pereira</b> Aziridination of Styrene by Copper(II) Acetylacetonate Catalyst Anchored onto Amine-Functionalised Porous Silicas
12.40-13.00	<b>CO3 António Paulo</b> Multifunctional Organometallic Complexes for Fluorescence and Nuclear Imaging
13.00-15.00	<b>Working Lunch</b>
Chair	Ana Cavaleiro
15.00-15.40	<b>PL2 Helena Nogueira</b> Lanthanopolyoxometalate based materials
15.40-16.00	<b>CO4 Paulo Jorge Costa</b> DFT mechanistic studies on the catalytic activity of MoO <sub>2</sub> Cl <sub>2</sub> : the story of an oxidant performing reductions!
16.00-16.20	<b>CO5 Vitor Rosa</b> New transition metal complexes bearing $\alpha$ -diimine ligands: structural, magnetic, catalytic and emissive properties
16.20-16.40	<b>CO6 Filipa L. Sousa</b> Nanometer-Sized Molybdenum-Iron Oxide Capsule-Surface Modifications: External and Internal
16.40-17.20	<b>PL3 Eulália Pereira</b> Au, Au@Fe <sub>3</sub> O <sub>4</sub> , and Au@FePt nanoparticles: A Chemical Approach for Morphology and Surface Chemistry Control
17.20-18.20	<b>Posters and Coffee break</b>
Chair	Carlos Romão
18.20-19.20	<b>Remembering Romão Dias</b> Fernando Ramôa Ribeiro; José Artur Martinho Simões; Manuel Ribeiro da Silva
19.20-19.40	<b>CO7</b> <b>Ana Margarida Martins</b> Highlights on Organometallic Chemistry in Romão Dias Group

19.40-20.00	<b>CO8 Pedro Teixeira Gomes</b> Oligo- and polymerisation of olefins catalysed by transition-metal complexes at the IST: an area initiated by Alberto Romão Dias
20.00-20.20	<b>CO9 Luis Veiros</b> Bonding and fluxionality in group 4 metal complexes with pyrrolyl ligands
21.00	<b>Banquet</b>

## Saturday, December 1<sup>st</sup>

Chair	Baltazar de Castro
9.00-9.40	<b>PL4 Paula Marques</b> Pt(II) Polyamine Complexes as Anticancer Drugs. New Perspectives
9.40-10.00	<b>CO10 Paula Soares Santos</b> Luminescent lanthanide-organic frameworks
10.00-10.20	<b>CO11 Dulce Belo</b> Towards New Single Component Molecular Metals
10.20-10.40	<b>CO12 Ana Nunes</b> Design of molecular structures derived from 3-hydroxy-4-pyridinones with high affinity for iron (iii) and their use as celular probes
10.40-11.40	<b>Posters and Coffee break</b>
Chair	Teresa Avilés
11.40-12.00	<b>CO13 Carla Nunes</b> Novel organometallic nanomaterials for application in epoxidation catalysis
12.00-12.20	<b>CO14 Carlos Lodeiro</b> Donor/acceptor substituted bithienyl-imidazo-anthraquinone derivatives as new colorimetric and fluorimetric chemosensors
12.20-13.00	<b>PL5 Alice Pereira</b> Iron Metabolism in Bacteria
13.00-15.00	<b>Working Lunch</b>
Chair	Maria da Conceição Rangel
15.00-15.20	<b>CO15 Sofia Bruno</b> MCM-41 impregnated with an Eu <sup>3+</sup> β-diketonate complex: synthesis and characterization
15.20-15.40	<b>CO16 Laura Rodriguez</b> Synthesis, characterization and photophysical studies of new gold(I) metallosupramolecular complexes
15.40-16.00	<b>CO17 Ana Daniel da Silva</b> Magnetite nanoparticles prepared within carrageenan gels: morphology control and stability to oxidation
16.00-16.50	<b>PL6 Robert Hider</b> Potential Pharmaceutical Applications of Iron Chelating Agents
16.50	<b>Division meeting</b>

