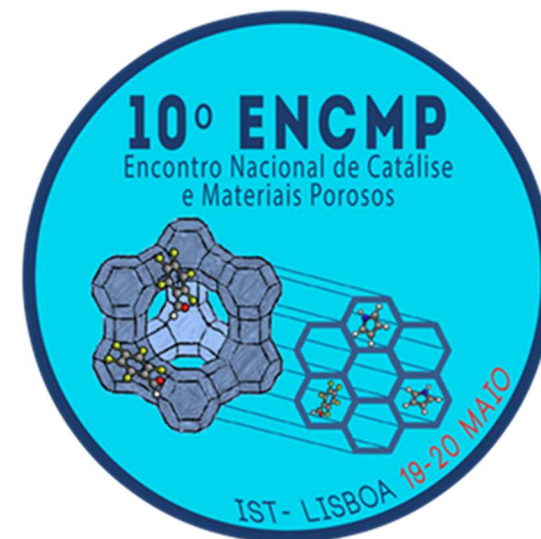
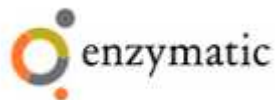


- P30. Ana E. Ferreira - SBA-15 as Support and Filler for the Synthesis of Polyethylene Nanocomposites
- P31. A. Fernandes - Synthesis of SAPO-11 Materials Using Microwave or Electrical Heating: A Comparative Study
- P32. Bruna Rijo - Dynamic Modelling of Acetylene Hydrogenation in Industrial Context
- P33. Ana L. Magalhães - Mechanistic and Kinetic Modelling Studies of Furfural Conversion to Bio-Products
- P34. K. V. Kaliappana - Methane Production From CO₂ Over Ni-Hydroxalate Derived Catalysts
- P35. Lílíana Damas - New Sustainable Approaches For Tandem Double-Carbonylation-Cyclization Reactions
- P36. Lucas D. Dias - Selective Porphyrin-Based Catalysts For CO₂ /Epoxide Copolymerization Vs. Cycloaddition
- P37. Luísa M.D.R.S. Martins - A New Calixarene-Cobalt(II) Complex As Catalyst For MW-Assisted Oxidation Of Alcohols
- P38. Abdallah G. Mahmoud - Hydrosoluble Metal Complexes For Homogeneous Catalysis
- P39. Marta S. Saraiva - Molybdenum(II) Complexes as Catalysts in Reduction Reactions
- P40. Gilberto L. B. Aquino - Solventless Carbonylation of Epoxides Catalysed by Metalloporphyrins
- P41. Mara F. Pinto - Oxidation Of Alcohols In Water With Iron Catalysts Bearing N-Heterocyclic Carbenes
- P42. Sara Realista - Molybdenum(II) Complexes For CO₂ Reduction
- P43. Rita Lopes - Microwave Assisted Hydrogen Transfer Reduction of Ketones With Fe-NHC Bifunctional Catalysts
- P44. Cláudia G. Silva - Carbon Nitride-Based Photocatalysts For Green Chemical Synthesis
- P45. João Pires - Reverse Selectivity of Zeolites and MOFs in the Ethane/Ethylene Separation By Adsorption
- P46. Carlos Baleizão - Metal-Organic Frameworks For Clean Energy Applications
- P47. Inês M. Rocha - Nitrogen-Doped Carbon Nanotubes as Catalysts for the Oxygen Reduction Reaction
- P48. M. Enterría - N-Doped Ordered Mesoporous Carbons For Oxygen Reduction Reaction
- P49. Rui S. Ribeiro - Development Of Magnetic Carbon Xerogels For Catalytic Wet Peroxide Oxidation
- P50. Raquel P. Rocha - N-Doped Carbon Nanotubes for the Catalytic Wet Air Oxidation of Organic Compounds
- P51. Inês Matos - Synthesized Mesoporous Carbon for Adsorption/Desorption of Antioxidant Compounds
- P52. Maria Bernardo - Potato Peel Waste Based Activated Carbon For the Adsorption of Tetracycline and Caffeine
- P53. Everton Santos - CO-Pyrolysis Of Electrical Cable Plastic Waste With Hydrocarbon n-C50
- P54. Ana S. Rodrigues - Tuning The Size Of Mesoporous Silica Nanoparticles Below 100 nm
- P55. Carina I. C. Crucho - Solution NMR Methods For Functionalized Silica Nanoparticles
- P56. I. Kuźniarska-Biernacka - Liquid-Phase Exfoliation of Graphite Into Graphene Flakes
- P57. Vanessa A. Tomé - Pd-Catalysed Aminocarbonylation Reaction For Phthalocyanines Functionalization

Apoios



Jantar do Congresso

Restaurante da Ordem dos Engenheiros
 Av. António Augusto de Aguiar n.º3D, 6º andar
 1069-030 - Lisboa



Programa

9:30 Registo

10:30 Sessão de Abertura

11:00 **Antoine Daudin** - IL1. Biofuels And Bio-Based Products: How Oxygen From Bioresources Is Hunted Down By Transition Metal Sulfide Catalysts?

11:30 **Carlos M. Granadeiro** - O1. Sulfur-Free Diesels Through Sustainable Oxidative Desulfurization With Porous MOF

11:45 **Margarida M. Antunes** - O2. Valorisation of Bio-Based Furfural Using Multifunctional Catalysts

12:00 **Lucília S. Ribeiro** - O3. Influence of Ru Catalyst Support on the Direct Conversion of Cellulose to Sorbitol

12:15 **Andreia F. Peixoto** - O4. From Hemicellulose to Furfural Through Solid Acid Catalysts

12:30 Almoço

14:00 **Prémio Luso-Espanhol de Química**

Avelino Corma - PL1. Solid Catalysts Design From the Laboratory to the Industrial Application

15:00 **Pedro S. F. Mendes** - O5. Insights Into the Synergies Between Zeolites in Hydrocracking Hybrid Catalysts

15:15 **Mariana Rocha** - O6. Highly Efficient Reduction of 4-Nitrophenol Mediated By Gold Nanoparticles Immobilized Onto L-Serine Functionalized Clay

15:30 **Ricardo M. Silva** - O7. Orange II Dye Degradation By Photo-Assisted Wet Peroxidation Using Gold Based Catalysts

15:45 Café & Posters - Patrocinado pela Parabolab

16:45 **Mariette M. Pereira** - IL2. Hybrid Materials: At the Front End of Catalysis

17:15 **Diana Julião** - O8. Efficient Oxidative Desulfurization System Based On Oxomolybdenum@Ionic Liquids

17:30 **Nuno M. R. Martins** - O9. MW-Induced Oxidation of Alcohols Using M(II)-EDTA Functionalized Magnetic Nanoparticles

18:00 Reunião da DCMF

20:30 Jantar do Encontro

9:00 **João Rocha** - PL2. "More Things In Heaven and Earth Than Are Dreamt Of": Silicates & Coordination Polymers

9:45 **Joel M. Silva** - O10. CO₂ Sorption Over Improved Hydrotalcites

10:00 **Ana S. Mestre** - O11. Importance of Impregnation Methodology To Control Activated Carbons Pore Structure

10:15 **Nuno M. Vitorino** - O12. Processing Of Functionalized Cellular Ceramic Monoliths

10:30 Café - Patrocinado pela CUF

11:00 **Claudio Ampelli** - IL3. Solar Fuel Production By Reducing CO₂: Prospects And Open Problems In The Design Of Photo-Electrocatalytic (PEC) Cells And Related Nanostructured Electrodes

11:30 **Prémio Ramôa Ribeiro**
Adrián M.T. Silva - PRR. Breaking Bonds For Water Treatment: A Catalysis Journey

12:00 **Luisa M. Pastrana** - O13. Photocatalytic Reduction of CO₂ With Water Using Titania - Graphene Oxide Composites

12:15 **M.C. Bacariza** - O14. Synthesis, Characterization and Catalytic Performances of SBA-15 Supported Catalysts For CO₂ Methanation

12:30 Almoço

14:00 **Beatriz Royo** - IL4. Challenging Catalysis With Cheap and Abundant Metals

14:30 **C.S.D. Rodrigues** - O15. P-Nitrophenol Degradation By Heterogeneous Fenton Process Over AC-Based Catalysts

14:45 **Diogo F.M. Santos** - O16. Ball-Milling Effect in the Catalytic Activity of Cryptomelane for VOC Oxidation

15:00 **Moisés L. Pinto** - O17. Microporous Titanosilicates for Therapeutic Nitric Oxide Release

15:15 **Maria Martin-Martinez** - O18. Metal-Free Catalysts Derived From Lignin For Efficient Wet Peroxide Oxidation

15:30 Café & Posters - Patrocinado pela Labor Spirit

16:15 **Manuel Fernando R. Pereira** - IL5. Tailoring Metal-Free Carbon Catalysts: From the Nano to the Macro Scale

16:45 **Graça Rocha** - O19. Green Esterification Reactions By Metal Phosphates and Phosphonates

17:00 **Rúbia Risso** - O20. Biodiesel Production Using Eggshell And Oyster Shell Derived Catalysts

17:15 Sessão de Encerramento

- P1. **Ana C. Fernandes** - Synthetic Cobalt Clays for the Storage and Slow Release of Therapeutic Nitric Oxide
- P2. **Ana M. Faísca Phillips** - Catalysis In Phosphite Addition to Unsaturated Hydroxamates: En Route to Antimalarials
- P3. **N. Vilaça** - Internalization of Zeolites as Carriers for Cellular Delivery
- P4. **I. C. Neves** - Ozonation of Salicylic Acid Over Mono and Bimetallic ZSM5 Catalysts
- P5. **Sofia M. Bruno** - ETS-10 Supported Ferrocenium Ions: Application In Isomerisation of α -Pinene Oxide
- P6. **Vanmira Van-Dúnem** - [FeCl₂(HCPz₃)] Heterogenized at Hierarchical FAU for Eco-Friendly Alkane Oxidations
- P7. **Ana C. Ferreira** - Light Hydrocarbons Production Over Bimetallic Ca-F Block Element Nanoparticles
- P8. **Teresa A. Gasche** - Influence of the Nanostructure of Bimetallic F Block Elements Oxides in Oxidation of Methane
- P9. **Marta Mendes** - Catalytic Reduction of Hexacyanoferrate(III) by Gold Nanoparticles Produced in Tea
- P10. **Silvia Gramacho** - GC-MS as a Valuable Tool for the Identification of Products from Hydroformylation of Natural Products
- P11. **Luís M. Madeira** - Performance Study of Au-TiO₂ Catalysts in the Low-Temperature Water Gas Shift Reaction
- P12. **O.S.G.P. Soares** - Bromate Reduction Under Hydrogen Using Metal Catalysts on Different Supports
- P13. **Mohamed M. A. Soliman** - Heterogeneous Acid Catalysts for Condensation of Furfural and 2-Methylfuran
- P14. **Susana O. Ribeiro** - Polyoxometalates @ SBA-15 to Catalyze Oxidative Desulfurization of Model Diesel
- P15. **Carla A. Orge** - Benzofibrate Removal by Coupling Ozonation and Photocatalysis: A Kinetic Study
- P16. **Angela Martins** - [VO₂(HB(3,5-Me₂pz)₃)] Supported at Hierarchical MOR for Eco-Friendly Cyclohexane Oxidation
- P17. **Catarina Domingos** - Nanocarbons as Additives for the Baeyer-Villiger Oxidation of Ketones
- P18. **Bruno G.M. Rocha** - Supported Gold Nanoparticles as Reusable Catalysts for Alkane Oxidation Reactions
- P19. **Ana P. Carvalho** - Sustainable Carbon Materials as Support for Oxidation Catalysts.
- P20. **Gonçalo A. O. Tiago** - Supported Copper(II) Complexes of Arylhydrazones of 1H-Indene-1,3(2H)-Dione as Catalyst for Alcohol Oxidation
- P21. **André D.S. Barbosa** - Metal-Organic Frameworks Prepared in Ionic Liquids: Catalytic Performance
- P22. **Patrícia Neves** - One-Pot Conversion of Furfural in the Presence of a Sn,Al-Containing Zeolite Beta Catalyst
- P23. **Salette S. Balula** - Influence of the Porous Support on Poly-Oxometalate-Based Desulfurization Catalysts
- P24. **Tiago A.G. Duarte** - Catalytic Esterification Using Hydrothermally Synthesised Carbon Spheres
- P25. **César A. Henriques** - Synthesis and Characterization of Magnetically Recoverable Porphyrins Catalysts
- P26. **Jiawei Wang** - [VCl₃{ η^3 -HC(pz)₃}]@CNT as Catalyst for the Microwave-Assisted Oxidation of Xylenes
- P27. **Ying Yu** - Au NPS @ Carbon Materials As Catalysts for MW-Assisted Solvent Free Oxidation of Alcohols
- P28. **Inês Matias** - Nanofluids as Catalysts for Microwave Assisted Sonogashira C-C Coupling
- P29. **Luis C. Branco** - Supported and Non-Supported Chiral Ionic Liquids for Asymmetric Catalysis