



PROGRAM

December, 12 th		December, 13 th	
9:00	OPENING SESSION		
TL1: Functionalization and structuring of materials Chair: Maria Helena Gil Univ. Coimbra		TL3: Marine/Forest products and Biorefineries Chair: Paulo J. Ferreira Univ. Coimbra	
9:20	Miguel Gama • Univ. Minho Bacterial NanoCellulose: last but not the least	09:20	João Crespo • Univ. Nova de Lisboa Membrane processing for the valorisation of agro-industrial by-products
10:00	COFFEE BREAK AND POSTER SESSION	10:00	COFFEE BREAK AND POSTER SESSION
10:40	Ana F. Lourenço • Univ. Coimbra Nanocelluloses in papermaking	10:40	Cátia Mendes • Univ. Coimbra Valorisation strategies of Portuguese lignocellulosic residues through a bioethanol Biorefinery approach
11:00	Fernando Simões • Active Aerogels Aerogel synthesis, development and industrialisation: a remarkable route from scientific applications to mass production	11:00	Carlos Cavaleiro • Univ. Coimbra Endangered species as resources of active ingredients for plant-based medicinal products
11:20	Akel F. Kanaan • Univ. Coimbra Advanced multi-stimuli responsive ionic liquid based materials for biomedical applications	11:20	Leonel Pereira • Univ. Coimbra O que são algas e para que servem!?
11:40	D. Melo-Diogo • Univ. B. Interior Functionalization of graphene family nanomaterials for application in cancer therapy	11:40	Carlos P. Neto • RAIZ The Navigator Company Biorrefinarias de base florestal: indústria de pasta e papel
12:00	LUNCH BREAK	12:00	LUNCH BREAK
TL2: Model-based engineering Chair: Marco S. Reis Univ. Coimbra		TL4: Green/Environmental technologies Chair: Rosa Q. Ferreira Univ. Coimbra	
14:00	Ana Paula Póvoa • Univ. Lisboa Projeto e planeamento de Cadeias de Abastecimento Sustentáveis	14:00	Paula Sobral • Univ. Nova de Lisboa Microplastics: what are we missing?
14:40	Dulce Silva • Bondalti Chemicals A importância de PSE na indústria química - casos práticos	14:40	Carolina Pinheiro • Univ. Coimbra Regeneration of waste lubricant oil: closing the loop
15:00	Carolina Vertis • Univ. de Coimbra Incremental development of chemical reaction models	15:00	Andreia Santos • Univ. Coimbra Sustainable sewage sludge management: current practices and future trends
15:20	José N. C. Lopes • Univ. Lisboa Ionic Liquids for task-specific processes in clean energy applications	15:20	António Rodrigues • Ventilaqua New trends in industrial waste water treatment and reuse
15:40	Pedro M. Santos • Univ. Coimbra Molecular simulation as a tool for studying silica aerogel-based composites	15:40	José Gamelas • Univ. Coimbra Cellulose-silica hybrid materials functionalized with polyoxometalates for the removal of volatile organic compounds
16:00	COFFEE BREAK AND POSTER SESSION	16:00	COFFEE BREAK AND POSTER SESSION
16:30	Round Table Looking into the next 25 years: how do we expect that Chemical Engineering related industries and research areas will evolve due to new technological and market opportunities? Moderators: M.G. Rasteiro and P.A. Saraiva Univ. Coimbra	16:30	25th Anniversary Celebration
17:30	CLOSING SESSION	17:30	CLOSING SESSION