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COST Action GREENERING - CA 18224
Green Chemical Engineering Network
towards upscaling sustainable processes

To promote and boost the industrial application
of green chemistry and sustainable technologies,
developing the tools for the scale-up and implementation
of emerging processes in the industry

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- Cost_action_greenering

15.2.2021.

8.30 Ana Rita C. Duarte
Open session
Presentation

9.00 Dan Hallow
Keynote lecture 1
Company: Scale-up Systems Engineering

9.30 Ana Clara da Conceição Borrego
Lecture
Green Tax Policy in Portugal, the Success and Failures of its Implementation

9.45 Evelina Colaccino
COST Action 18112
Presentation

10.15 Klaudia Bialek
Lecture
Eutectic assisted mechanochemical formation of a novel salt of propranolol

Green Policies

12.15 Daniel Fozer
Lecture
Combining Bioenergy with Carbon Utilization and Power-to-Gas Storage for Efficient Climate Neutral Transition

12.10 Paulo Sérgio Duque de Brito
Lecture
Anaerobic Digestion of Cork Boiling Waste water - Laboratory Scale

11.45 Leonarda Francesca Liotta
Lecture
Calcereous Deposit in Drinking Water Pipes as a Heterogeneous Catalyst for Biodiesel Production

10.45 Coffee break and Poster session

10.30 Raquel Viveiros
Lecture
Mechanosynthesis of biometallic complexes for cosmetic applications

Bioenergy and Biofuels

12.30 Lunch

13.30 Quentin Perron
Keynote lecture 2
Company: Iktos

14.00 Manuela Panić
Lecture
Rational desing of natural deep eutectic solvents for chiral drug preparation

14.15 Mafalda Sofia Coelho da Cruz Sarraça
Lecture
Solids turn into liquids. Eutectic mixtures of pharmaceuticals to improve drug solubility

14.30 Ângelo Rocha
Lecture
Deep eutectic systems as potential solubilization vehicles for mometason furoate and dexamethasone

Pharmaceutics

16.30 Márta Kubovics
Lecture
Preparation of a metal-organic framework using supercritical carbon-dioxide for drug delivery application

16.00 Alexandre Barros
Keynote lecture 3
Company: HydrUMedical

15.00 Coffee break and Poster session

14.45 Clara López-Iglesias
Lecture
Green processing of lidocaine-loaded solid lipid microparticles and in vitro evaluation using 3D-bioprinted human skin substitutes

16.45 Marta S. Duarte
Lecture
Fast decellularization of trabecular bone assisted by supercritical carbon dioxide

17.00 Darija Gör
Lecture
Supercritical Impregnation of polysaccharide aerogels: feasible technique for various drugs

17.15 Anthony J. Burke
Lecture
Greening organocatalysis: novel immobilized organocatalysts for sustainable chiral API production

17.30 Cost meetings

16.2.2021.

9.00 Margarida Gonçalves
Keynote lecture 4
Faculty: FCT NOVA

9.30 Carla Patricia Silva
Lecture
Photocatalysis and biochars: a combination towards remediation and circularity

9.45 Mónica Cunha
Lecture
Valorization of cork using subcritical water

10.10 Ester Trigueros Andres
Lecture
Hydrolysis of the protein fraction of the industrial solid residue from red algae after agar extraction

10.15 George Z. Kyzas
Lecture
Preparation of highly specific surface area activated carbons from agricultural wastes and lignite

Waste Management

12.15 Maria Letizia Ruello
Lecture
Valorization of liquid crystal display scraps after indium extraction: admixtures from special waste for sustainable mortars and concrete

12.00 Jelena Vladic
Lecture
Application of subcritical water extraction for processing microalgae biomass from wastewater treatment

11.45 Luciana Rocha
Lecture
Sustainable iron-carbon magnetic composites for the removal of pharmaceuticals from wastewater

11.30 Eduardo Robles
Lecture
Comparison of bleached and unbleached nanopaper from pistachio shells

10.30 Coffee break and Poster session

Lunch

12.30 Lunch

14.00 Maud Reiter
Keynote lecture 5
Company: Firmenich

14.30 Marko Vinceković
Lecture
Microcapsules formulations for ecological agriculture and functional food production

14.45 Inês Dinis Ferreira
Lecture
Citric acid: trehalose (2:1): alternative to common solvents? Harmfull or bening?

14.30 Arnaud Bellon
Keynote Lecture 6
Company: Symrise

Food Technology

16.30 Marina Cvjetko Bubalo
Lecture
Designing a biocatalytic process involving deep eutectic solvents: lipase-catalysed synthesis of (r)-1-phenylethanol as a case study

16.15 Hugo Monteiro
Lecture
Fundamental understanding of deep eutectic solvents for industrial applications

15.30 Coffee break and Poster session

Alternative Solvents

16.45 Anastasia Detsi
Lecture
Biocompatible chitosan-stabilised films incorporating wild rose hip extract in natural deep eutectic solvents

17.00 Atena B. Solea
Lecture
A highly sensitive and selective colorimetric and fluorescent sensor for phosgene detection

17.30 Cost meetings

Raw Materials

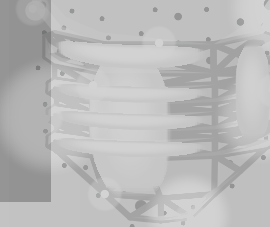
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