TO DO GREAT JOB WITH GREAT PEOPLE

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

greenering
COST ACTION CA18224
COST EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY

15.2.2021.

8.30 Ana Rita C. Duarte — Open session — Presentation

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

Green Policies

9.30 Karine Seaudeau — Lecture — A feedback of technological transfer in the field of supercritical processes

9.45 Evelina Colaccino — COST Action 18112 — Presentation

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

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 — Calcareous Deposit in Drinking Water Pipes as a Heterogenous Catalyst for Biodiesel Production

Bioenergy and Biofuels

10.45 — Coffee break and Poster session

10.30 Raquel Viveiros — Lecture — Mechanosynthesis of biometallic complexes for cosmeceutical applications

12.30 — Lunch

Pharmaceutics

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 Sarraguça — Lecture — Solids turn into liquids. Eutectic mixtures of pharmaceutics to improve drug solubility

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

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 Milica Pantic — 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

CONFERENCE PROGRAM

1st GREENERING INTERNATIONAL CONFERENCE

16.2.2021.

Waste Management

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 higly specific surface area activated carbons from agricultural wastes and lignite

12.15 Ana Nunes — Lecture — Hydroxytyrosol Extraction from Olive Oil By-products: From University Research to an Industrial Plant

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

12.30 — Lunch

Food Technology

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

14.30 Arnaud Bellon — Keynote Lecture 6 — Company: Symrise

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

Alternative Solvents

15.30 — Coffee break and Poster session

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

Raw Materials

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

17.30 — Cost meetings

JOB WILL CONTINUE...

SHARE ideas to greener OUR world

JOIN US!

https://greenering.eu/