

# PROGRAM AGENDA

8 SEPT

Friday

09H15

**PHOTOCATALYTIC DEGRADATION OF PARABENS BY P25 SUPPORT IN PET SHEETS FROM WATER BOTTLES**

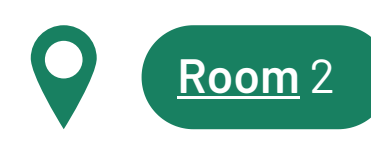
M. J. Silva



Session G1:  
[Recycling of wastes and resources recovery](#)

**APPROACH FOR WATER SUSTAINABILITY IN WINE PRODUCTION BY REUSING ITS EFFLUENTS FOR MICROALGAE CULTIVATION**

C. Santos



Session G2:  
[Biological treatment techniques](#)

**PHOTO-FENTON TREATMENT OF WASTEWATER FROM OLIVE OIL EXTRACTION INDUSTRY**

R. Martins



Session G3:  
[Waste treatment and valorization technologies](#)

09H30

**POTATO BYPRODUCT AS SUBSTRATE FOR OBTAINING MICROBIAL PIGMENTS THROUGH SUBMERGED FERMENTATION**

H. Schalchli



Session G1:  
[Recycling of wastes and resources recovery](#)

**PRELIMINARY ANALYSIS OF THE METAL SPECIATION IN ANAEROBIC GRANULAR SLUDGE BY MODIFIED TESSIER PROCEDURE**

A. M. Pinheiro



Session G2:  
[Biological treatment techniques](#)

**EFFECT OF REUSING ELECTROLYTES ON TiO2 NANOTUBES ACTIVITY AND MORPHOLOGY**

J. Lincho



Session G3:  
[Waste treatment and valorization technologies](#)

09H45

**URBAN MINING WITH IONIC-LIQUID-BASED ACIDIC AQUEOUS BIPHASIC SYSTEMS FOR THE RECYCLING OF VALUABLE AND CRITICAL METALS FROM ELECTRICAL AND ELECTRONIC WASTE**

H. Passos



Session G1:  
[Recycling of wastes and resources recovery](#)

**ANAEROBIC-AEROBIC SYSTEM FOR SUSTAINABLE PIG SLURRY WASTEWATER TREATMENT**

A. Santos



Session G2:  
[Biological treatment techniques](#)

**PREPARATION AND USE OF SLAG FROM THE INCINERATION OF MUNICIPAL SOLID WASTE AS A PARTIAL SUBSTITUTE FOR PORTLAND CEMENT**

S. Ventura



Session G3:  
[Waste treatment and valorization technologies](#)

10H00

**INDUSTRIAL SCALE PRODUCTION OF INNOVATIVE ASPHALT MIXTURES WITH STEEL SLAG AGGREGATES AND RECLAIMED ASPHALT**

C. Loureiro



Session G1:  
[Recycling of wastes and resources recovery](#)

**STRATEGIES FOR OILFIELD PRODUCED WATER VALORIZATION USING ALCANIVORAX BORKUMENSIS**

R. Oliveira



Session G2:  
[Biological treatment techniques](#)

**BIOCHAR AS A SUSTAINABLE TOOL FOR THE ADSORPTION OF MICROPOLLUTANTS IN ULTRAPURE WATER AND WASTEWATER**

P. L. Roca



Session G3:  
[Waste treatment and valorization technologies](#)

10H15

**DURABILITY OF CONCRETE MADE USING HIGH-IMPACT POLYSTYRENE E-PLASTIC AS AGGREGATE**

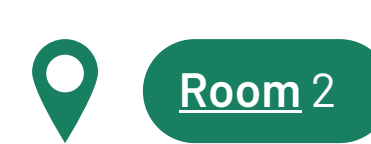
L. Parsons



Session E1:  
[Recycling of wastes and resources recovery](#)

**THERMAL ACID HYDROLYSIS OF MARINE MACROALGAE WASTE AIMING BIOETHANOL PRODUCTION**

S. Pardilhó



Session E2:  
[Wastes as critical materials](#)

**MASS AND ENERGY DISTRIBUTION OF PYROLYSIS PRODUCTS OF ACACIA AND OLIVE BAGASSE IN AN AUGER REACTOR**

M. Santos



Session E3:  
[Biological treatment techniques](#)

10H30

COFFEE BREAK

11H00

**REAL ACID MINE DRAINAGE WASTEWATER TREATMENT USING RED MUD BASED POROUS ALKALI ACTIVATED MATERIALS**

J. Carvalheiras



Session H1:  
[Recycling of wastes and resources recovery](#)

**ENHANCING ENZYMIC DEPOLYMERIZATION OF HDPE PLASTIC WASTE BY THE REMOVAL OF ADDITIVES USING A BIO-BASED SOLVENT APPROACH**

A. M. Ferreira



Session H2:  
[Plastic waste impacts, management strategies and solutions](#)

**EFFECT OF ADDING CUTTING LIMESTONE WASTE IN MORTARS**

A. A. Correia



Session H3:  
[Waste treatment and valorization technologies](#)

11H15

**SOIL APPLICATION OF BIOCHAR FROM RESIDUAL FORESTRY BIOMASS AS A STRATEGY FOR WILDFIRES PREVENTION**

A. C. Morim



Session H1:  
[Recycling of wastes and resources recovery](#)

**MICROPLASTICS – THE PROBLEM OF THEIR QUANTIFICATION AND IDENTIFICATION**

C. Paiva



Session H2:  
[Plastic waste impacts, management strategies and solutions](#)

**EFFLUENT RECIRCULATION IN THE CULTIVATION OF MICROALGAE IN VINASSE**

A. V. Ensinas



Session H3:  
[Waste treatment and valorization technologies](#)

11H30

**PERFORMANCE CHALLENGE OF RECYCLED MIXTURES WITH INCREASED INCORPORATION OF RECLAIMED ASPHALT**

A. Dabiri



Session H1:  
[Recycling of wastes and resources recovery](#)

**RECYCLING OF PET FINES WASTE BY DENSITY SEPARATION: A WAY TO CIRCULARITY OF PLASTIC**

L. Heleno



Session H2:  
[Plastic waste impacts, management strategies and solutions](#)

**DEVELOPMENT OF A SILICA-BASED CRYOGEL FOR THE ADSORPTION OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)**

M. I. Roque



Session H3:  
[Waste treatment and valorization technologies](#)

11H45

**ENGINEERED CEMENTITIOUS COMPOSITES INCORPORATING INDUSTRIAL BY-PRODUCTS**

R. Santos



Session H1:  
[Recycling of wastes and resources recovery](#)

**A NEW LIFE FOR PLASTIC FOOTWEAR WASTES AS ASPHALT BINDER MODIFIERS FOR ROAD PAVEMENTS**

H. Silva



Session H2:  
[Plastic waste impacts, management strategies and solutions](#)

**VALORISATION OF PULP AND PAPER INDUSTRY WASTES - INCORPORATION IN BITUMINOUS MIXTURES FOR ROAD CONSTRUCTION**

L. Santos



Session H3:  
[Waste treatment and valorization technologies](#)

12H00

**A GREEN METHOD FOR THE PRODUCTION OF RESINS FROM THE NATURAL PRODUCT CARDANOL**

F. Proença



Session H1:  
[Recycling of wastes and resources recovery](#)

**QUALITY ASSESSMENT OF PET BOTTLES PRODUCED THROUGH BOTTLE-TO-BOTTLE RECYCLING**

A. Castro



Session H2:  
[Plastic waste impacts, management strategies and solutions](#)

**OPTIMISED ALKALINE SOLUTIONS OF CO<sub>2</sub>-CURED ALUMINOSILICATE INDUSTRIAL WASTES: A NEW ERA OF CONCRETE**

G. Lamaa



Session H3:  
[Waste treatment and valorization technologies](#)

12H15

CLOSING CEREMONY