

# PROGRAM AGENDA

6 SEPT

Wednesday

09H00

REGISTRATION AND WELCOME DRINK

10H00

OPENING CEREMONY

10H30

Room 1

Plenary Session I

INNOVATIVE MATERIALS BASED ON WASTES: THE WAY AHEAD!

Raúl Figueiro – University Of Minho (Portugal)

11H15

VALORIZATION OF SPENT SHIITAKE MUSHROOM SUBSTRATE – A POTENTIAL ALTERNATIVE TO PEAT

M. N. Pinheiro

Room 1

Session A1: [Recycling of wastes and resources recovery](#)

SMART WASTE MANAGEMENT: A LOOK ON PORTUGAL TOWARDS THE SDGS

R. C. Madureira

Room 2

Session A2: [Smart technologies and digital tools in waste management](#)

FERMENTED OLIVE POMACE – A SOLUTION FOR WASTE AND AN OPPORTUNITY FOR THE FOOD INDUSTRY

D. M. Ferreira

Room 3

Session A3: [Circular economy and industrial symbioses](#)

11H30

ANALYSIS OF THE CHEMICAL PROPERTIES OF ALMOND AND WALNUT SHELLS FOR USE IN EARTHWORKS

L. Marchiori

Room 1

Session A1: [Recycling of wastes and resources recovery](#)

BENEFITS FROM REAL-TIME MONITORING OF DOOR-TO-DOOR SOLID WASTE COLLECTION

J. Prata

Room 2

Session A2: [Smart technologies and digital tools in waste management](#)

COMPARING CIRCULARITY IN MUNICIPAL WASTE MANAGEMENT SYSTEMS: PORTO & LISBON

A. Fonseca

Room 3

Session A3: [Circular economy and industrial symbioses](#)

11H45

MORTARS CONTAINING A HYBRID ALKALINE CEMENT AND HIGH CONTENTS OF RECYCLED AGGREGATES

F. Almeida

Room 1

Session A1: [Recycling of wastes and resources recovery](#)

MARGINAL SOILS FOR BIOENERGY PRODUCTION – HOW TO IDENTIFY THESE SOILS IN PORTUGAL?

M. Abreu

Room 2

Session A2: [Smart technologies and digital tools in waste management](#)

NONWOVEN STRUCTURES BASED ON RECYCLED POLYESTER AND FOOTWEAR WASTE

D. Alves

Room 3

Session A3: [Circular economy and industrial symbioses](#)

12H00

SELECTIVE RECOVERY OF PLATINUM FROM SPENT AUTOMOTIVE CATALYTIC CONVERTERS USING SALT-BASED LEACHING AGENT

F. Braga

Room 1

Session A1: [Recycling of wastes and resources recovery](#)

DEVELOPMENT OF WASTE MANAGEMENT TECHNOLOGIES DATABASE WASTEDB

S. Carvalho

Room 2

Session A2: [Smart technologies and digital tools in waste management](#)

CIRCULAR ECONOMY PRACTICES IN THE AGRI-FOOD SECTOR: AWARENESS AND MATURITY LEVEL IN PORTUGUESE COMPANIES

F. Scandurra

Room 3

Session A3: [Circular economy and industrial symbioses](#)

12H15

ELECTRODIALYTIC RECOVERY OF LITHIUM FROM MINE RESIDUES COUPLING OXALIC ACID

J. Almeida

Room 1

Session A1: [Recycling of wastes and resources recovery](#)

SYSTEM SIZE INFLUENCE ON OPTIMIZATION OF MUNICIPAL SOLID WASTE COLLECTION

A. Silva

Room 2

Session A2: [Smart technologies and digital tools in waste management](#)

STUDY OF THE STATE OF THE ART OF THE CIRCULAR ECONOMY

A. Gama

Room 3

Session A3: [Circular economy and industrial symbioses](#)

12H30

LUNCH

14H00

Room 1

Plenary Session II

THE ROLE OF BIOMASS WASTES IN THE ENERGY AND MATERIALS TRANSITION

Heather Wray – TNO (Netherlands)

14H45

WASTE MARBLE VALORISATION IN 3D CEMENTITIOUS MATERIALS PRINTING

A. M. Matos

Room 1

Session B1: [Waste treatment and valorization technologies](#)

LOCAL WASTE AGROFORESTRY MANAGEMENT – BIOMASS TO ENERGY ANALYSIS WITH LCA

I. Brás

Room 2

Session B2: [Life cycle assessment and carbon footprint](#)

EVALUATING A BATTERY OF BIOTESTS FOR ECOTOXICITY ASSESSMENT OF WASTE

B. Bandarra

Room 3

Session B3: [Environmental, economic and social aspects in waste management](#)

15H00

EFFECTS OF STORAGE TIME IN PIG SLURRY TO ENHANCE BIOENERGY RECOVERY

I. Silva

Room 1

Session B1: [Waste treatment and valorization technologies](#)

LIFE CYCLE ASSESSMENT FOR LASER TEXTURING OF COMPLEX SURFACES

M. Moreno

Room 2

Session B2: [Life cycle assessment and carbon footprint](#)

AWARENESS IN SUSTAINABILITY AND WASTE RECYCLING IN SINTRA: PARTICIPATORY METHODS

A. P. Martinho

Room 3

Session B3: [Environmental, economic and social aspects in waste management](#)

15H15

PRODUCTION OF LOW-CARBON CONCRETE USING ALKALI-ACTIVATED ALUMINOSILICATE INDUSTRIAL WASTES AS ALTERNATIVE BINDERS

D. Kassim

Room 1

Session B1: [Waste treatment and valorization technologies](#)

LIFE CYCLE ASSESSMENT AND SENSITIVITY ANALYSIS OF ASPHALT MIXTURES WITH HIGHER RECLAIMED ASPHALT INCORPORATION

C. Moura

Room 2

Session B2: [Life cycle assessment and carbon footprint](#)

ENERGY FROM GIANT REED CULTIVATED IN CONTAMINATED SOILS – IS IT SUSTAINABLE?

A. L. Fernando

Room 3

Session B3: [Environmental, economic and social aspects in waste management](#)

15H30

EFFECT OF SILICON SOURCE AND TEMPERATURE ON THE FORMATION OF ZEOLITES OBTAINED FROM SALT SLAG

M. Ritter

Room 1

Session B1: [Waste treatment and valorization technologies](#)

DEVELOPMENT OF LCA BASED MODEL FOR ASSESSING CITIZEN'S WASTE DISPOSAL PRACTICES

S. Carvalho

Room 2

Session B2: [Life cycle assessment and carbon footprint](#)

SUSTAINABLE ENVIRONMENTAL WASTE DISPOSAL BEHAVIOUR IN PRE AND POST COVID-19: A CASE STUDY OF PORTUGAL.

R. C. Madureira

Room 3

Session B3: [Environmental, economic and social aspects in waste management](#)

15H45

ADSORPTION OF RARE EARTH ELEMENTS ONTO SPENT TYRE RUBBER ADSORBENTS: A SUSTAINABLE APPROACH FOR CRITICAL ELEMENT RECOVERY

M. Nogueira

Room 1

Session B1: [Waste treatment and valorization technologies](#)

PHYTOMANAGEMENT OF CONTAMINATED SOILS BY INDUSTRIAL CROPS – EVALUATION OF THE LOCAL ENVIRONMENTAL IMPACTS

A. L. Fernando

Room 2

Session B2: [Life cycle assessment and carbon footprint](#)

THE RECONSTRUCTION OF A SOIL REINFORCED STRUCTURE USING WASTE

G. Rodriguez

Room 3

Session B3: [Environmental, economic and social aspects in waste management](#)

16H00

AMMONIACAL NITROGEN RECOVERY FROM SPWINE SLURRY USING A GAS-PERMEABLE MEMBRANE: EFFECT OF PH AND FEED-TO-TRAPPING VOLUME RATIO

J. Dosta

Room 1

Session B1: [Waste treatment and valorization technologies](#)

POST-COMBUSTION CO2 CAPTURE USING ION-EXCHANGED BINDER-FREE MAY ZEOLITES

E. Aly

Room 2

Session B2: [Life cycle assessment and carbon footprint](#)

SOCIOLOGY OF WASTE: NORMS AS PRE-DISPOSITION FOR ACCEPTANCE OF PAYT TARIFFS

B. Bringsken

Room 3

Session B3: [Environmental, economic and social aspects in waste management](#)

16H15

HYDROCHAR FROM VINEYARD PRUNING WASTE AS ADSORBENT FOR THE REMOVAL OF CONTAMINANTS OF EMERGING CONCERN

E. Durán

Room 1

Session B1: [Waste treatment and valorization technologies](#)

REPURPOSING OF LFP EV BATTERIES FOR STATIONARY STORAGE – LIFE CYCLE ASSESSMENT OF CASE STUDY

J. Duarte

Room 2

Session B2: [Life cycle assessment and carbon footprint](#)

PERCEPTIONS OF POPULATIONS AND TECHNICIANS IN WASTE MANAGEMENT IN NAMPULA, MOZAMBIQUE

A. P. Martinho

Room 3

Session B3: [Environmental, economic and social aspects in waste management](#)

16H30

POSTER SESSION I

17H00

RECEPTION AND VISIT - MUSEU NACIONAL MACHADO DE CASTRO