

Program (final version 15/12/2024)

Webinar Green Chemistry 2.30 pm –5.30 pm (UTC+1)

LINK FOR ORAL PRESENTATIONS AND POSTER SHORT PRESENTATIONS (2.30 pm - 4.50 pm (UTC+1))

<https://datacloud.univ-unita.eu/index.php/apps/bbb/b/pEoo7FSZnZBD2SQo>

LINK FOR POSTER SESSIONS (4.50 pm - 5.30 pm (UTC+1))

<https://datacloud.univ-unita.eu/index.php/apps/bbb/b/pEoo7FSZnZBD2SQo>

I. ORAL PRESENTATIONS (12 min- 10 min + 2 min questions) 2.30 pm - 4.06 pm

2.30 pm - 2.42 pm

O1 Hugo Filipe, Researcher hlfilipe@ipg.pt **IPG Portugal**

Molecular Dynamics Simulations for the Characterization of Biological Systems

2.42 pm - 3.54pm

O2 Dr. Grégory Chatel, gregory.chatel@univ-smb.fr **USMB, Chambéry, France**

Green chemistry and circular economy: biomass valorization projects at a regional scale

3.54 pm – 3.06 pm

O3 Prof. Silvia Tabasso silvia.tabasso@unito.it **University Torino, Italy**

Sustainable processes for biomass conversion to added-value products

3.06 pm – 3.18 pm

O4 Prof. Elisabet Pires Ezquerro, epires@unizar.es **UNIZAR, Zarragossa, Spain**

Searching for new sustainable solvents. Glycerol derivatives: synthesis, properties and applications.

3.18 pm – 3.30 pm

O5 Prof. Roger Marti, roger.marti@hefr.ch **HEIA, Haute école d'ingénierie et d'architecture de Fribourg, Switzerland**

Keratin and Polyester Amides for Advance Materials

3.30 pm – 3.42 pm

O6 Dr Annabel Fernandes, annabelf@ubi.pt **UBI Portugal**

Electrochemical Treatment of Industrial Wastewater in a Circular Economy Approach

3.42 pm – 3.54 pm

O7 Alessandra Zanoletti, researcher alessandra.zanoletti@unibs. **University of Brescia, Italy**

A new sustainable technology for metals recovery from exhausted lithium-ion batteries based on microwave heating

3.54 pm – 4.06 pm

O8 Samar Belkacem, PhD student belkacem.samar@etud.univ-pau.fr **UPPA, Pau, France**
Gas hydrates in/for the energy transition: potential applications for gas storage and separation (CO₂ capture), secondary refrigeration, water treatment and desalination, etc.

II. POSTER SHORT PRESENTATIONS 4.10 pm – 4.48 pm

4.10 pm – 4.12 pm

P1 Luís Brás, PhD student luis.bras@ubi.pt

"VITAE - Valorization of Viticultural Waste through the Extraction of Anti-Cancer Molecules."

4.12 pm – 4.14 pm

P2 Prof Patricia Ferreira Neila, ferreira@unizar.es

Harnessing Biocatalysts for Sustainable Industrial Biotechnology and Environmental Recovery.

4.14 pm – 4.16 pm

P3 Kouassi Fabrice N’Gole, PhD student kouassi-fabrice.n-gole@univ-smb.fr

Activated carbon for decarbonation

4.16 pm – 4.18 pm

P4 Clelia Aimone, PhD student clelia.aimone@unito.it

"Chestnut wood valorization: a green strategy for extraction, purification and biopolymer development"

4.18 pm – 4.22 pm

P5 Mattia Massa, PhD student mattia.massa@unibs.it

Sewage sludge ashes characterization and microwave thermochemical treatment for inorganic fertilizer production.

4.22 pm – 4.24 pm

P6 Antonella Cornelio, research fellow antonella.cornelio@unibs.it

Towards greener tech: evaluating the sustainability of a pilot lithium-ion battery recycling process using the ESCAPE approach.

4.24 pm – 4.28 pm

P7 Reza Vahidzadeh reza.vahidzadeh1@unibs.it

Assessing the potential of ammonia recovery from landfill leachate for energy use

4.28 pm – 4.30 pm

P8 Clément Gibeaux, PhD student clement.gibeaux@univ-smb.fr

Green hydrogel passive sampler for the detection of the gastroenteritis virus in water

4.30 pm – 4.32 pm

P9 Prof. Dr. Raquel P. Herrera raquelph@unizar.es;

L-proline-based deep eutectic solvents as green and enantioselective organocatalyst/media for aldol reaction and beyond

4.32 pm – 4.34 pm

P10 Prof. Dr. Alexandru Enesca aenesca@unitbv.ro Transilvania University of Brasov
Photocatalytic materials for wastewater treatment

4.34 pm – 4.38 pm

P11 Maxime Hedou (PhD student, HEIA in collaboration with EPFL) maxime.hedou@hefr.ch
Simplifying the production of polymers from biomass

4.38 pm – 4.40 pm

P12 Maria Covei, Transilvania University of Brasov, Romania maria.covei@unitbv.ro
Composite materials for advanced wastewater treatment through photocatalysis

4.40 pm – 4.42 pm

P13 Prof. Dr. Silvia Schintke, Laboratory of Applied NanoSciences (COMATEC-LANS), HES-SO University of Applied Sciences and Arts Western Switzerland, Yverdon-les-Bains, Switzerland. Contact: silvia.schintke@heig-vd.ch
Study of nanoparticles interactions in fluids, nanofiber membranes and development of flexible sensors

4.42 pm – 4.44 pm

P14 Jose Moran jose.moran@unavarra.es

Poster 1 : The putrescine protection of plants against ammonium and salinity stress as a strategy to swine manure-based fertilization

Poster 2 :Crop protection against abiotic and biotic stress using oximes: new functions for a forgotten chemical family

4.44 pm – 4.46 pm

P15 Giorgio Capaldi giorgio.capaldi@unito.it

PHENOCYCLES: Polyphenol-Nanomaterial Synergy for Eco-Friendly Solutions in Health, Agriculture, and the Environment

4.46 pm – 4.48 pm

P16 Luis Manuel Lopes Rodrigues da Silva luissilva@ipg.pt

Bioactive compounds as health promoter

III.POSTER SESSIONS in dedicated rooms (rooms 1 to 16) 4.50 pm- 5.30 pm