

Re-UNITA

MINI-SYMPOSIUM ON GREEN CHEMISTRY

27 & 28 of November 2023



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MINI-SYMPOSIUM ON GREEN CHEMISTRY

Monday, November 27th

11h00: Welcome of participants (Room 8B-227)

11h15: Presentation of participants and workshop on intercomprehension
- Alice FIORENTINO (Room 8B-228)

12h15: Buffet meal (Room 8B-227)

13h30: First presentation sessions - Chairman: Grégory Chatel (Room 8B-228)

13h30: Emerging industrial technologies in green extraction and processing of agri-food by-products
- Giancarlo Cravotto (UNITO)

13h50: Biomass activated carbons for water treatment and CO₂ capture
- Laurent Duclaux (USMB)

14h10: Plant-based chemistry: plants as promising source of bioactive compounds
- Arianna Marengo (UNITO)

14h30: VITAE project: Valorization of viticultural waste - novel methodological approaches to exploit the anticancer properties of bioactive compounds
- Luís Alves (USMB/UBI)

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Monday, November 27th

14h50: Ultrasound assisted biomass extraction and valorization
- Emanuela Calcio Gaudino (UNITO)

15h10: Chitosan based materials for norovirus adsorption and analysis
- Laurence REINERT (USMB)

15h30: Microwave-assisted extraction of metabolites from agro-food matrices
- Giorgio Grillo (UNITO)

15h50: Discussions (Room 8B-228)

16h20: End of the first session

17h00: Visit old town/castle of the Dukes of Savoy (Chambéry) - to be confirmed

19h15: Dinner at restaurant Le Sporting (Chambéry)

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Tuesday, November 28th

8h30: Welcome & Coffee

9h00: Second presentations session - Chairman: Giancarlo CRAVOTTO (Salle 8B-228)

9h00: Circular economy, chemistry and territory: the example of the valorization of invasive alien plants.

- Gregory Chatel (USMB)

9h20: Valorisation of grapevine by-products under non-conventional technologies

- Luisa Boffa (UNITO)

9h40: Life cycle assessment of polyphenols extraction from apple pomace with sub- and supercritical fluids

- Lauriane BRUNA (USMB/UNITO)

10h00: Going greener in analytical extraction for a sustainable characterization of natural products

- Cecilia Cagliero (UNITO)

10h20: Pretreatment of raw biomass and valorisation of post-extraction residues by way of an innovative mobile pelletising technology

- Eléa Collange (USMB)

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Tuesday, November 28th

10h40: Microwaves for sustainable biomass valorisation
- Silvia Tabasso (UNITO)

11h00: Discussions and conclusions of the mini-symposium (Room 8B-228)

11h30: Visit of EDYTEM laboratories.

12h30: Buffet meal (Room 8B-227)

