

*Re-UNITA*

# MINI-SYMPOSIUM ON GREEN CHEMISTRY

27 & 28 of November 2023



*Re-UNITA*

# 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 CO<sub>2</sub> 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)

*Re-UNITA*

# MINI-SYMPOSIUM ON GREEN CHEMISTRY

*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)

*Re-UNITA*

# MINI-SYMPOSIUM ON GREEN CHEMISTRY

*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)

*Re-UNITA*

# MINI-SYMPOSIUM ON GREEN CHEMISTRY

*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)

