



7th Biochar School 2023

Torino - Italy 19-20 Oct.

Biochar and the city

PROGRAMME

Day 1 Thursday 19 October

9.00 - 10.00 am – Opening

9.00-9.20 am - Registration

9.20-9.30 am - School opening - Alessandro Pozzi (Ichar President)

9.30-9.40 am - Guido Saracco (Polytechnic University of Turin)

9.40-9.50 am - Mauro Giorcelli (Ichar), David Chiaramonti (Polytechnic University of Turin)

9.50-10.00 am - Fabrizio Pirri (Ilt Sustainable Future Technologies)

10.00 - 13.00 am – Urban applications - Chairs: **Francesco Primo Vaccari (IBE-CNR)**

10.00-10.30 am - The sustainable management of urban green (Antonio Brunori; Eleonora Mariano - PEFC)

10.30-10.50 am - Use of biochar in the urban tree substrates - A Berlin case study (Dmitri Drabkin -Freie Universität Berlin)

10.50-11.10 am - The Helsinki Biochar Project- exploring production of local biochars and their use in green infrastructures (Tuuli Markkanen - Aalto University)

11.10 - 10.30 am – Coffee Break

11.30-11.50 am - **Biochar in the U.S. city** (James Doten - City of Minneapolis)

11.50-12.10 am - **Biochar on the “Roof” top** (Massimo Valagussa - Minoprio Foundation)

12.10-12.30 pm - **Soils contaminated and remediation with biochar** (Corinna Grottola - STEMS-CNR)

12.30-12.50 pm - **Decarbonization of airports and biochar: the TULIPS project"** (David Chiaramonti - Polytechnic University of Turin; Tommaso Barsali -RE-CORD)

13.00-14.20 pm – Light lunch

14.20 - 17.00 pm - Construction - Chairs: Mauro Giorelli (Polytechnic University of Turin)

14.20-14.40 pm - **Dwelling on Drawdown (biochar and the home)** (Kathleen Draper - International Biochar Initiative IBI)

14.40-15.00 am - **Effect of biochar on the mechanical properties and carbon sequestration of limestone calcined clay concrete** (Harn Wei - National University of Singapore)

15.00-15.20 pm - **AI applied to biochar production** (Tobias Schweitzer - AIRA Holding GmbH)

15.20-15.40 pm - **The Fire Behaviour of Biochar and its Composites** (Oisik Das - Luleå University of Technology)

15.40 - 16.00 pm – Coffee Break

16.00-16.20 pm - **Thermoplastic applications thanks to engineered biocarbon** (Bart Tambuyser - Carboganic)

16.20-16.40 pm - **Biochar for Electromagnetic Shielding Applications** (Patrizia Savi - Polytechnic University of Turin)

16.40-17.00 pm - **Biochar in photovoltaic applications** (Benjamin Reinke - Novocarbo)

19.00 pm – Dinner

Day 2 Friday 20 October

9.00 - 13.00 pm - **Ecosystem services** - Chair: **Alessandro Pozzi (Ichar)**

9.00-9.30 am - **Ecosystem services of urban soils** (Fabrizio Ungaro - IBE-CNR)

9.30-10.00 am - **EU policies for carbon sequestration and sustainable development of urban and rural areas** (David Chiaramonti - Polytechnic University of Turin)

10.00-10.20 am - **Carbon credits schemes in Europe: state of the art and perspectives under the new European proposal of regulation** (Irene Criscuoli - Italian Research Centre for Agricultural Policies and Bioeconomy CREA)

10.20 - 10.40 pm – Coffee Break

10.40-12.40 am - **Panel session** - Chair: **Jorge Jesus (Enerion Global)**
Biochar carbon removal: strengths, weaknesses, opportunities, and threats (Michele Rumiz - Carbosink/South Pole; Benno Fuchs - Puro; Julia Winter - Carbon Standards International AG; Silvia Scozzafava - Aichi Obiettivo 20)

12.40-13.00 pm – School closing - Mauro Giorcelli (Ichar), Lucia Brusegan (Ichar/IBI)

Thanks for the attention

Location of the event: Lingotto - Politecnico di Torino

Address: Via Nizza 230, Torino (Italy).



[Registration link](#)



Info: segreteria@ichar.org
sf.fall@ichar.org

Event venue entrance

