



8th ICHAR Biochar School 2024

The biochar option in viticulture

FLORENCE 14th - 15th OCTOBER 2024

Day 1 14th October

2.00 pm – 3.00 pm

Registration and welcome addresses

2.00 pm – 2.30 pm

Registration

2.30 pm – 2.40 pm

School opening

Alessandro Pozzi – Ichar President

2.40 pm – 2.50 pm

IBE-CNR welcome address

IBE-CNR Director

2.50 pm – 3.00 pm

Chianti Biodistrict welcome address

Roberto Stucchi Prinetti – Chianti Biodistrict President

3.00 pm – 6.00 pm

Session I – Advancing sustainable vineyard practices
(Moderator: Silvia Baronti, IBE-CNR)



Biochar and viticulture resilience in a changing climate

3.00 pm – 3.30 pm

**Lorenzo Genesio – IBE-CNR- Institute of BioEconomy,
National Research Council**

3.30 pm – 3.50 pm

**Does applying biochar improve soil health and crop yields?
Insights from field experiments in temperate croplands**

Humberto Blanco – University of Nebraska

3.50 pm – 4.20 pm

Coffee Break

4.20 pm – 4.40 pm

**Biochar: organic carbon permanence over geological
scales**

Hamed Sanei – Aarhus University

4.40 pm – 5.00 pm

**Biochar value chains: integrated production, use and
regulation**

**David Chiaramonti – Polytechnic University of Turin, RE-
Cord Consortium**

5.00 pm – 5.20 pm

**Elemental analysis: A key to effective biochar application
in agriculture**

Calum Preece – Elementar UK

5.20 pm – 5.40 pm

Biochar in arid zone

Ziv Nadav – Earth Biochar

5.40 pm – 6.00 pm

Q&A

6.00 pm – 9.00 pm

“Apericena” dinner



Day 2 15th October

9.30 am - 1.00 pm

Field biochar experiences in vineyard (Moderator:
Francesco Primo Vaccari, IBE-CNR)

9.30 am - 9.50 am

The long-term experiment platform

Diego Marazza – University of Bologna

9.50 am - 10.10 am

Fifteen years of biochar experiments in vineyards in Italy

Silvia Baronti – IBE-CNR, Institute of BioEconomy,
National Research Council

10.10 am - 10.30 am

Biochar application in Mediterranean semi-arid
viticulture system

Antoine Lespes – Domaine Lafage

10.30 am - 10.50 am

Biochar as a sustainable solution for climate resilience
in Viticulture: unlocking environmental and economic
potential

Amélie Pinet – Gazotech

10.50 am - 11.20 am

Coffee Break

11.20 am - 11.40 am

The use of biochar as soil amendment in a mountain
vineyard: findings from a long-term experiment

Carlo Andreotti – Free University of Bozen-Bolzano

11.40 am - 12.00 am

Applying biochar in vineyards to improve ecosystems
services without impacting wine quality

Kristine Trippe – USDA ARS Forage Seed and Cereal
Research Unit



12.00 am – 12.20 am	How biochar works and when it does not; Case Studies from Australia Stephen Joseph – University of New South Wales Sydney
12.20 am - 12.40 am	Grapevine fine roots' plastic response to biochar application Antonio Montagnoli – University of Insubria
12.40 am – 1.00 pm	Q&A
1.00 pm – 2.30 pm	Lunch
2.30 pm – 5.00 pm	C-removal and viticulture: the biochar challenge (Moderator: Alessandro Pozzi, Enerion Global)
2.30 pm – 2.50 pm	Does vineyard agro-ecosystem contribute to climate mitigation? A long-term experiment in a Tuscan vineyard Lorenzo Brilli – IBE-CNR, Institute of BioEconomy, National Research Council
2.50 pm – 3.10 pm	Biochar carbon dynamics in soils: modeling and field observations Enrico Balugani – University of Bologna
3.10 pm – 3.30 pm	The IBI Manual for Biochar Carbon Removals Mike Tie - Hamerkop Climate
3,30 pm – 3.50 pm	Scaling biochar applications in the context of EU and National Agricultural Policies Harald Bier – EBI Consortium, European Biochar Industry

Insetting and offsetting: Two pathways for Biochar Carbon Removal

3.50 pm – 4.10 pm

Riccardo Ambrosini – EcoLocked

4.10 pm – 4.40 pm

Q&A

4.40 pm – 5.00 pm

School closing (Lucia Brusegan, IBI International Biochar Initiative/Ichar)

Information

The event will be held

ONLINE REMOTELY



EVERYONE CAN PARTICIPATE

The event will be held

in person in the

beautiful **FLORENCE**



Salone Brunelleschi- Ospedale degli Innocenti



How to reach Florence

Location: Istituto degli Innocenti piazza SS.
Annunziata 12 50122 Firenze

Train Station

Santa Maria Novella
(Firenze SMN)

Timetable:

www.trenitalia.com

www.italo.it

Airport

Firenze Pisa

