

# Workshop

## **Bonechar as soil improver and fertilizer, which perspective for the future?**

January 16<sup>th</sup>, 2025 - Parma, Italy

### **Organizers**

Prof. Nelson Marmiroli – Director of  
Consorzio Interuniversitario Nazionale per  
le Scienze Ambientali (CINSA), University of  
Parma



Dr. Luca Pagano - CINSA, University of  
Parma



Prof. Chuanxin Ma, Guangdong University  
of Technology, Guangzhou, China

Biochar is among the more interesting new soil amendants, with characteristics of improving soil function and health, gaining interest and value in the vision of sustainable agriculture and circular economy. Starting from the experiences gained on Biochar in agri-food sector, the workshop aims to discuss the applications of pyrolysis to residual biomasses of animal origin, for the production of what is known as “Bonechar”. This couples the physico-chemical properties of biochar with the valuable source of Nitrogen and Phosphorus, which made it not only an amendant but also a fertilizer.

The workshop will be the occasion to promote the University of Parma as a center of excellence at a regional and national level in the field of agri-food sustainability, applied biology, and circular economy. Foreign universities and research centers from Emilia Romagna and other European Regions will also be involved, which will give the event an international dimension.

Two sessions are provided: i) Biochar (morning),  
ii) Bonechar (afternoon).

The conference will be carried out as a hybrid event, with physical presence as well as live streaming through an online platform.

## Workshop programme

8:30-9:00 - Registration

9:00-9:30 - Welcome of Organizing Institutions  
*Prof. Fabrizio Storti, Prorettore Vicario UNIPR*  
*Prof. Nelson Marmiroli, CINSA*

9:30-10:00 - Plenary lecture Biochar session

10:00-10:40 - Biochar session (part 1)  
*Chair: Prof. Marco Trevisan, UNICATT*

10:40-11:00 - **Coffee break**

11:00-12:00 - Biochar session (part 2)

12:00-13:30 - **Lunch break**

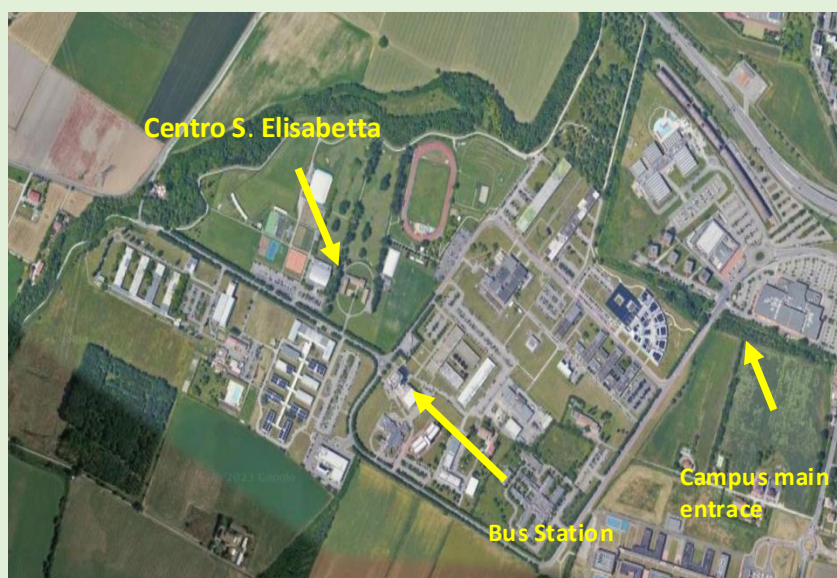
13:30-14:00 - Plenary Lecture Bonechar session

14:00-16:00 - Bonechar session  
*Chair: Prof. Chuanxin Ma*

16:00-16:30 - Conclusions

*Conference venue:*

**Centro S. Elisabetta, Università di Parma,**  
Campus delle Scienze e Tecnologie,  
Parco Area delle Scienze, 95, 43124, Parma.



## Contacts:

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