



# AGROENERGY E BIO-SUSTAINABILITY

**Summer School  
12-16 July 2021**

The seminars will be broadcast on:



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# Calendar

## Monday 12th July

10:00 - 10:10

*Greetings from the Director of DAFNE*

Prof. Nicola Lacetera

10:10 - 10:20

*Greetings from the Director of Council for Agricultural Research and Agricultural Economics Analysis - Engineering and transformations*

Dr. Paolo Menesatti

10:20 - 10:30

*Presentation*

Ing. Francesco Gallucci (Council for Agricultural Research and Agricultural Economics Analysis Research Centre for Engineering and Agro-food Processing)  
Prof. Andrea Colantoni (University Of Tuscia)

10:30 - 11:30

*Guidelines for the application of agrovoltatics in agriculture*

Prof. Andrea Colantoni (University of Tuscia)

## Tuesday 13th July

10:00 - 11:00

*Phytoremediation: Study of biomass availability and characteristics*

Dr. Adriano Palma (Council for Agricultural Research and Agricultural Economics Analysis Research Centre for Engineering and Agro-food Processing)

11:00 - 11:50

*Energy conversion systems of biomasses and their technical and environmental criticalities.*

Ing. Francesco Gallucci (Council for Agricultural Research and Agricultural Economics Analysis Research Centre for Engineering and Agro-food Processing)

11:50 - 12:00

*Coffee break*

12:00 - 13:00

*The Green Revolution in the National Recovery and Resilience Plan*

Dr. Valerio Di Stefano (University of Tuscia)

## Wednesday 14th July

10:00-10:50

*Can non-agricultural, brownfield or contaminated land be used for sustainable bioenergy production*

Dr. Richard Lord (University of Strathclyde)

10:50 - 11:00

*Coffee break*

11:00 - 12:00

*Waste product and Circular Economy*

Dr. Leonardo Bianchini (University Of Tuscia)

# Calendar

## Thursday 15th July

10:00-11:00

***Technical, economic and environmental feasibility study of energy conversion plants***

Dr.ssa Monica Carnevale (Council for Agricultural Research and Agricultural Economics Analysis Research Centre for Engineering and Agro-food Processing)

11:00 - 11:50

***Biogas and methane in agriculture: technologies, environmental impacts and prospects in the circular economy***

Dr. Valerio Paolini (CNR - Institute on Atmospheric Pollution)

11:50 - 12:00

***Coffee break***

12:00 - 13:00

***Advanced biofuels for a sustainable perspective in transportation***

Prof. Domenico Borello (Sapienza University)

## Friday 16th July

10:00-10:50

***Combustion of biomass: environmental impact and sampling techniques***

Dr. Enrico Paris (Council for Agricultural Research and Agricultural Economics Analysis Research Centre for Engineering and Agro-food Processing)

10:50 - 11:00

***Coffee break***

11.00 -12:00

***Biomass combustion markers: state of the art, sampling and analysis***

Dr.ssa Beatrice Vincenti (Council for Agricultural Research and Agricultural Economics Analysis Research Centre for Engineering and Agro-food Processing)

12:00- 13:00

***Debate and conclusion***

# Info

## *Convener:*

Ing. Francesco Gallucci  
Prof. Andrea Colantoni

## *Scientific Committee:*

Ing. Francesco Gallucci  
Prof. Andrea Colantoni  
Prof. Massimo Cecchini  
Prof. Danilo Monarca  
Prof. Giuseppe Colla  
Prof. Nicola Lacetera  
Prof. Ernico Maria Mosconi  
Prof. Domenico Borello  
Dr. Paolo Menesatti  
Dr. Richard Lord  
Dr.ssa MariaTeresa Cardarelli  
Dr. Leonardo Bianchini  
Dr. Enrico Paris  
Dr.ssa Monica Carnevale  
Dr. Adriano Palma  
Dr. Valerio Di Stefano  
Dr.ssa Beatrice Vincenti  
Dr. Valerio Paolini

## *Info:*

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## *Sign Up:*

The participation is free. You can register via the following link:

<https://forms.gle/BQ92ptLLQaZB8uxz9>