

## FIRST ANNOUNCEMENT

### **BIOSYSTEMS ENGINEERING TOWARDS THE GREEN DEAL**

**Improving the resilience of agriculture, forestry and food systems in the post-Covid era**

**Palermo, Italy  
September 19-22, 2022**

## WELCOME ADDRESS

The Italian Society of Agricultural Engineering (AIIA) invites you to attend the 12<sup>th</sup> AIIA Conference. AIIA 2022 Conference, building on the past experience, proposes a dynamic and innovative approach aimed at increasing cultural and scientific exchanges among different Italian and international researchers with particular regard to those coming from the Mediterranean areas. The Conference will be held at the University of Palermo, Italy, on September 19-22, 2022. The official language will be English.

## HOW TO REACH PALERMO

### THE AIRPORT

The International Airport of Palermo “Falcone Borsellino” is connected with the city centre by bus, train and taxi services, in about 30 minutes.

### THE RAILWAY STATION

The Central Railway Station of Palermo is located in the city centre. Palazzo Reale-Orleans train station is situated just outside the University Campus

### THE PORT

The Port of Palermo, placed near the city centre, connects the city with numerous other coastal centres of the Mediterranean sea and it is also the docking point for many cruise ships.

## CONFERENCE SCHEDULE

FIRST ANNOUNCEMENT – November 2021  
SECOND ANNOUNCEMENT – January 2022  
ABSTRACT SUBMISSION – 28 February 2022  
ABSTRACT ACCEPTANCE – 31 March 2022  
FULL PAPER SUBMISSION – 31 July 2022

## TOPICS

1. Monitoring and modelling hydraulic and hydrological processes in agriculture and forestry systems
2. Challenges in stream rehabilitation and soil conservation strategies
3. Sustainable water resource management under climate change scenarios
4. Planning safe, healthy and resilient territorial, built and green systems
5. Cultural heritage preservation and rural landscape protection, planning and management
6. Plant and livestock production processes and technologies. Healthy and Organic farming. Animal welfare.
7. Energy, waste and by-products smart use
8. Post-harvest logistics and food chain structures technology
9. Applications and experiences in smart agriculture and forestry
10. One Health, management and standardization for agriculture and forestry machinery and structures
11. Big data, machine learning and data hub in biosystems engineering

## PRELIMINARY PROGRAM

### September 19

11:30	Registration
13:00-14:00	Welcome buffet
14:00-16:30	Plenary session
17:00-18:45	Parallel sessions
19:00	Conference cocktail

### September 20

9:00-11:00	Parallel sessions
11:30-13:30	Parallel sessions
14:30-16:30	Parallel sessions
17:00-19:00	Poster session
20:30	Social dinner

### September 21

9:00-11:00	Parallel session
11:30-13:30	Plenary session

### September 22

Technical visit

## ORGANISING COMMITTEE AIIA 2022

**Chair:** Giuseppe Giordano

### Members

Vincenzo Bagarello	Alessio Nicosia
Giorgio Baiamonte	Santo Orlando
Gaetano Caltabellotta	Vincenzo Palmeri
Francesco Giuseppe Carollo	Vincenzo Pampalone
Pietro Catania	Giuseppe Provenzano
Antonio Comparetti	Eliseo Roma
Costanza Di Stefano	Mariangela Vallone