

XXXIX CIOSTA & CIGR V International Conference, on  
**Agricultural systems management in times of globalization**

28 June 2021

- 9:00-9:15 CET (UTC+1:00)** **Opening of the conference**  
Dr Karolina Trzyniec, President of CIOSTA  
Prof Remigio Berruto, President of CIGR  
Dr Dyonisis Bochtis, Chair of the CIGR V section, Dr Elisabeth Quendler, Vice Chair of the CIGR V section  
Prof Agnieszka Filipiak-Florkiewicz, Vice Rector for Science at University of Agriculture in Krakow
- 9:15-9:25** *CIOSTA - needed organisation in the past, needed organisation in the future* - Prof Tadeusz Juliszewski, University of Agriculture in Krakow
- 9:25-9:55** *Methods of assessment of human physical exercise capacity: what we can learn from the pioneering work by Henry Briggs* – Prof Jerzy A. Żołądź, University of Physical Education in Krakow
- 9:55-10:00** **Discussion**
- 10:00-10:10** **Get together (virtual)**
- SESSION I** **Chairman: Prof Tadeusz Juliszewski**
- 10:10-10:30** *Training of people with disabilities of daily structures in the working process of the tomato harvest* - Elisabeth Quendler, Rebecca Gutkas, Brigit Steininger
- 10:30-10:50** *Hand-arm vibration risk in olive harvesting* - Mariangela Vallone, Giuseppe Aiello, Pietro Catania, Eliseo Roma
- 10:50-11:10** *Precision fertilization in olive growing* - Eliseo Roma, Pietro Catania, Emanuele Di Matteo, Mariangela Vallone
- 11:10-11:30** **Discussion**
- 11:30-11:50** **Coffee break (virtual)**
- SESSION II** **Chairman: Dr Elisabeth Quendler**
- 11:50-12:10** *Implementation of a new system for precision apiculture* - Pietro Catania, Maria Alleri, Eliseo Roma, Mariangela Vallone
- 12:10-12:30** *CowEnergy- Challenges and opportunities in a cyber physical system for milk and energy production* - Heinz Bernhardt, Jörn Stumpfenhausen
- 12:30-12:50** *Effects of die size, date inclusion, and die thickness on extrudates mechanical properties* - Oluwafemi Oduntan, Bamgboye Adeleke I., Adekunle Sherif A., Oduntan Abosede O.
- 12:50-13:10** **Discussion**
- 13:10-13:30** **Coffee break (virtual)**
- SESSION III** **Chairman: Prof Pietro Catania**
- 13:30-13:35** *Anaerobic digestion of olive mill wastewater for a sustainable recovery* - Souraya Benalia, Giuseppe Zimbalatti, Alessandro Neri, Bruno Bernardi
- 13:35-13:40** *An innovative system for monitoring and control the aromatic herb drying process* - Santo Orlando, Pietro Catania, Mariangela Vallone
- 13:40-13:45** *Improvement of mechanical separation of black soldier fly compost: Plant design and development* - Bruno Bernardi, Matteo Sbaglia, Morano Chiara, Souraya Benalia, Agostino Sorgonà, Giuseppe Zimbalatti, Lorenzo M. M. Abenavoli
- 13:45-14:00** **Discussion**
- 14:00-14:10** **General Assambly – Dr Karolina Trzyniec**  
Election new President of CIOSTA 2021-2023  
Place of the next conference
- 14:10-14:15** **Closing of the conference**
- 14:15-14:45** **CIGR V section meeting**