

CLUB OF BOLOGNA

strategies for the development of agricultural mechanisation

<http://www.clubofbologna.org/>

President: Paolo Balsari - Secretary General: Marco Fiala

33rd Members' Meeting of the "Club of Bologna" **"The future horizons for Ag-Mechanization"**

November 9-10, 2024

EIMA INTERNATIONAL 2024 – Bologna, ITALY

<https://www.eima.it/en/index.php>

Sinfonia Hall - Pavillon 36

AGENDA

sponsored by



Accademia dei Georgofili

Saturday, November 9 - Sinfonia Hall (morning)

9.00	Transfer by bus: from Royal Carlton Hotel to EIMA International
10.00-10.30	Welcome address: M. Maschio (FederUnacoma President), P. Balsari (Club of Bologna President)
SESSION 1 – Value creation by public funding of research, development and innovation Chairman: Peter Pickel (CoB Management Committee) - Rapporteur: Hao Gan (USA; Pellizzi Prize 2020)	
10.30÷11.00	1.1 – International trends for the European RD&I landscape <i>Andrew Lynch (Irish Manufacturing Research, IMR - IRE)</i>
11.00÷11.15	Coffee break (Madrigale Hall)
11.15÷11.45	1.2 – EIT Food – Catalyst for the transformation of our food system <i>Elvira Domingo (European Institute Innovation&Technology Food, EIT - GER)</i>
11.45÷12.15	1.3 – R&D opportunities for industrial companies with US grants <i>Brij N. Singh (IEEE and JOHN DEERE - USA)</i>
12.15÷12.45	Session 1 - Discussion and Key-Sentences drawing up
12.45-14.00	Lunch (Madrigale Hall)

Saturday, November 9 - Sinfonia Hall (afternoon)

SESSION 2 – Biodiversity and regenerative agriculture: impact and relevance for farming. Challenges and opportunity for ag-mechanization and technology Chairman: Benno Pichlmaier (CoB Full Member) - Rapporteur: Xin Zhang (USA; Pellizzi Prize 2020)	
14.00÷14.30	2.1 – Moving towards the preservation and improvement of biodiversity in agricultural ecosystems <i>Gottlieb Basch (MED - Agriculture, Environment and Development - University of Évora - POR)</i>
14.30÷15.00	2.2 – Initial steps to consider biodiversity and ecosystem services in a sustainability strategy <i>Gianluca Feligini (CNH)</i>
15.00÷15.15	Coffee break (Madrigale Hall)
15.15÷15.45	2.3 – Navigating the transition to regenerative agriculture with digital solutions <i>Peter Fröhlich (Agricircle - CHE)</i>
15.45÷16.15	Session 2 - Discussion and Key-Sentences drawing up
16.15÷18.30	FREE visit to EIMA 2024 INTERNATIONAL
18.45	Transfer by bus: from EIMA International to Royal Carlton Hotel

Sunday November 10 - Sinfonia Hall (morning - Part 1)

h 8.30 **Transfer by bus: from Royal Carlton Hotel to EIMA International**

SESSION 3 – SPECIALIZED MECHANIZATION: Technologies for grassland management

Chairman: Paolo Balsari (CoB President) - Rapporteur: Lazar Savin (Full Member CoB)

9.15÷9.45 **3.1 – Introduction into permanent grassland management**
Stefan Thurner (Bavarian State Research Centre for Agriculture - GER)

9.45÷10.25 **3.2 – The frontiers of forage mechanization at the service of efficient livestock systems in climate smart agriculture strategy's**
3.2.1 Challenges in relation to smart farming tech - *Fabrizio Mazzetto, (Univ. Bolzano – ITA)*
3.2.2 Technology for the hot spots in future forage production - *Andreas Gronauer (Univ. Bolzano – ITA)*

10.25÷10.40 **Coffee break (Madrigale Hall)**

10.40÷11.00 **3.3 – Forage implements solutions, trend and vision**
Joseph Tard (KUN)

11.00÷11.30 **Session 3 - Discussion and Key-Sentences drawing up**

Sunday November 10 - Sinfonia Hall (morning - Part 2)

Giuseppe Pellizzi Prize 2024 (V EDITION)

11.30-12.15 **Announcement of the Pellizzi Prize's finalists**
Paolo Balsari (President Club of Bologna)

11.30-12.15 **PhD Theses of finalists presentations**
Zixuan He (USA) - Efforts towards effective robotic strawberry harvesting
Xin Tian (USA) - Methods to reduce energy consumption in the hydraulic system toward the next generation of green, high-efficient agricultural tractors
Lu Xun (CHI) - Towards a sustainable use of plant protection products in orchards: implementation of canopy-adapted spray technology and new developments for spray efficiency evaluation

12.15-12.30 **Award Ceremony**
Paolo Balsari (Club of Bologna), Pietro Piccarolo (Accademia Georgofili), Maria Teresa Maschio (FederUnacoma)

12.30÷13.00 **STUDY GROUPs ACTIVITIES**

13.00-13.30 **CLOSING SESSION - Programme of Activities for the 2025**
Paolo Balsari and Danilo Monarca

13.30-14.30 **Lunch (Madrigale Hall)**

14.30 **GUIDED TOUR to EIMA 2024 (Hay making and silage machines by Italian Manufacturers)**
Danilo Monarca (Management Committee CoB)