

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 <i>Chairman: Peter Pickel (CoB Management Committee) - Rapporteur: Hao Gan (USA; Pellizzi Prize 2020)</i>
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 Advancing Technology for Humanity 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 <i>Chairman: Benno Pichlmaier (CoB Full Member) - Rapporteur: Xin Zhang (USA; Pellizzi Prize 2020)</i>
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)

8.30	Transfer by bus: from Royal Carlton Hotel to EIMA International
SESSION 3	<i>SPECIALIZED MECHANIZATION: Technologies for grassland management</i> <i>Chairman: Paolo Balsari (CoB President) - Rapporteur: Lazar Savin (Full Member CoB)</i>
9.15÷9.45	3.1 – Introduction into permanent grassland management <i>Stefan Thurner (Bavarian State Research Centre for Agriculture - GER)</i>
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 - <i>Fabrizio Mazzetto, (Univ. Bolzano – ITA)</i> 3.2.2 Technology for the hot spots in future forage production - <i>Andreas Gronauer (Univ. Bolzano – AUT)</i>
10.25÷10.40	Coffee break (Madrigale Hall)
10.40÷11.00	3.3 – Forage implements solutions, trend and vision <i>Joseph Tard (KUNH)</i>
11.00÷11.30	Session 3 - Discussion and Key-Sentences drawing up

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

<i>Giuseppe Pellizzi Prize 2024 (V EDITION)</i>	
11.30-12.15	Announcement of the Pellizzi Prize's finalists <i>Paolo Balsari (President Club of Bologna)</i> PhD Theses of finalists presentations <i>Zixuan He (USA) - Efforts towards effective robotic strawberry harvesting</i> <i>Xin Tian (USA) - Methods to reduce energy consumption in the hydraulic system toward the next generation of green, high-efficient agricultural tractors</i> <i>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</i>
12.15-12.30	Award Ceremony <i>Paolo Balsari (Club of Bologna), Pietro Piccarolo (Accademia Georgofili), Maria Teresa Maschio (FederUnacoma)</i>
12.30÷13.00	<i>STUDY GROUPs ACTIVITIES</i>
13.00-13.30	<i>CLOSING SESSION - Programme of Activities for the 2025</i> <i>Paolo Balsari and Danilo Monarca</i>
13.30-14.30	Lunch (Madrigale Hall)
14.30	<i>GUIDED TOUR to EIMA 2024 (Hay making and silage machines by Italian Manufacturers</i> <i>Danilo Monarca (Management Committee CoB)</i>