

# CLUB OF BOLOGNA

*strategies for the development of agricultural mechanisation*

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

President: Paolo Balsari - Secretary General: Marco Fiala

## **33<sup>rd</sup> 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**

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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: Mr. Maschio (FederOnaoma President), P. Balsani (Club of Bologna President)
<b>SESSION 1</b>	<b><i>Value creation by public funding of research, development and innovation</i></b> Chairman: Peter Pickel (CoB Management Committee) - <u>Rapporteur</u> : Hao Gan (USA; Pellizzi Prize 2020)
10.30÷11.00	<b>1.1 – International trends for the European RD&amp;I landscape</b> Andrew Lynch (Irish Manufacturing Research, IMR - IRE)
11.00÷11.15	Coffee break (Madrigale Hall)
11.15÷11.45	<b>1.2 – EIT Food – Catalyst for the transformation of our food system</b> Elvira Domingo (European Institute Innovation&Technology Food, EIT - GER)
11.45÷12.15	<b>1.3 – R&amp;D opportunities for industrial companies with US grants</b> Brij N. Singh (IEEE Advancing Technology for Humanity and JOHN DEERE - USA)
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)

<b>SESSION 2</b>	<b><i>Biodiversity and regenerative agriculture: impact and relevance for farming. Challenges and opportunity for ag-mechanization and technology</i></b> Chairman: Benno Pichlmaier (CoB Full Member) - <u>Rapporteur</u> : Xin Zhang (USA; Pellizzi Prize 2020)
14.00÷14.30	<b>2.1 – Moving towards the preservation and improvement of biodiversity in agricultural ecosystems</b> Gottlieb Basch (European Conservation Agriculture Federation, ECAF - BEL)
14.30÷15.00	<b>2.2 – Initial steps to consider biodiversity and ecosystem services in a sustainability strategy</b> Gianluca Feligini (CNH)
15.00÷15.15	Coffee break (Madrigale Hall)
15.15÷15.45	<b>2.3 – Navigating the transition to regenerative agriculture with digital solutions</b> Peter Fröhlich (Agricircle - CHE)
15.45÷16.15	Session 2 - Discussion and Key-Sentences drawing up
16.15÷18.30	<b>FREE visit to EIMA 2024 INTERNATIONAL</b>
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
<b>SESSION 3</b>	<b><i>SPECIALIZED MECHANIZATION: Technologies for grassland management</i></b> <i>Chairman: Paolo Balsari (CoB President) - Rapporteur: Lazar Savin (Full Member CoB)</i>
9.15÷9.45	<b>3.1 – Introduction into permanent grassland management</b> <i>Stefan Thurner (Bavarian State Research Centre for Agriculture - GER)</i>
9.45÷10.25	<b>3.2 – The frontiers of forage mechanization at the service of efficient livestock systems in climate smart agriculture strategy's</b> 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 ( <i>Madrigale Hall</i> )
10.40÷11.00	<b>3.3 – Forage implements solutions, trend and vision</b> <i>Joseph Tard (KUHN)</i>
11.00÷11.30	Session 3 - Discussion and Key-Sentences drawing up

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

<b><i>Giuseppe Pellizzi Prize 2024 (V EDITION)</i></b>	
11.30-12.15	<b>Announcement of the Pellizzi Prize's finalists</b> <i>Paolo Balsari (President Club of Bologna)</i> <b>PhD Theses of finalists presentations</b> <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	<b>Award Ceremony</b> <i>Paolo Balsari (Club of Bologna), Pietro Piccarolo (Accademia Georgofili), Maria Teresa Maschio (FederUnacoma)</i>
12.30÷13.00	<b><i>STUDY GROUPs ACTIVITIES</i></b>
13.00-13.30	<b><i>CLOSING SESSION - Programme of Activities for the 2025</i></b> <i>Paolo Balsari and Danilo Monarca</i>
13.30-14.30	Lunch ( <i>Madrigale Hall</i> )
14.30	<b><i>GUIDED TOUR to EIMA 2024 (Hay making and silage machines by Italian Manufacturers</i></b> <i>Danilo Monarca (Management Committee CoB)</i>