



| Tuesday, 3 December 2024 (Time CET) | | | | | Wednesday, 4 December 2024 (Time CET) | | | | |
|---|---|--|---|------------------|---|---|-------------------------------------|--|--|
| 10:00 - 10:10 | Opening remarks Laurence Rycken IDF Director General | | Session 2. Innovations in dairy farming for circular outcomes | | | Session 3. Innovations in dairy processing for circular outcomes | | | |
| Session 1. Foundations of circular dairy practices | | | Chairs: Colin Ohlhoff (Fair Cape Dairies (Pty) Ltd., South Africa) and David Cotton (Bridge Farm, United Kingdom) | | | Chairs: Ignacio Gavilán (The Global Food Banking Network, United States) and Bill Graves (Dairy Management Inc., United States) | | | |
| Chairs: Melissa Cameron (Dairy Australia, Australia) and Lynda McDonald (Tetra Pak, Sweden) | | | 13:30 - 13:35 | | Welcome and introduction to session | 13:30 - 13:35 | Welcome and introduction to session | | |
| 10:10 - 10:15 | | Welcome and introduction to session | 13:35 - 14:00 | Invited speaker | Prof Tim McAllister (Agriculture and Agri-Food Canada, Lethbridge Research and Development Centre, Canada) - <i>Assessment of the role of livestock in a circular bioeconomy</i> . | 13:35 - 14:00 | Invited speaker | Prof Olivia McAuliffe (Teagasc, Ireland) - <i>A biomass cascading approach to dairy by-product valorisation through fermentation</i> . | |
| 10:15 - 10:40 | Invited speaker | Carlos Martín Óvilo (DG AGRI / European Commission, Belgium) - <i>Livestock circularity</i> | 14:00 - 14:25 | Invited speaker | Prof Gema Romero Moraleda (Instituto de Investigación e Innovación Agroalimentaria y Agroambiental (CIAGRO-UMH) Universidad Miguel Hernández, Spain) - <i>Use of Mediterranean by-products as a way to improve the sustainability of dairy goats farming. Production, welfare and quality.</i> | 14:00 - 14:25 | Invited speaker | Dr Paolo D’Incecco (University of Milano, Italy) - <i>Turning food waste into opportunity by upcycling milk components into sustainable packaging films.</i> | |
| 10:40 - 11:05 | Invited speaker | Dr Sachin Kumar Mangla (University of Plymouth, United Kingdom) - <i>Drivers, barriers and practices towards circular economy in the dairy chain (including developing context)</i> . | 14:25 - 14:50 | Invited speaker | Thomas Duffy (Young farmer and former VP of European Council of young farmers, Ireland) - <i>TBC</i> | 14:25 - 14:45 | Abstract Speaker | Dr Alberto Alfano (University of Campania L. vanvitelli, Naples, Italy) - <i>A circular bioeconomy approach using biotech processes to recover valuable fraction from buffalo whey for cosmeceutical, nutraceutical and food applications</i> . | |
| 11:05 - 11:30 | Invited speaker | Ignacio Gavilán (The Gobal Food Banking Network, United States) - <i>Food Banking as a path to lower emissions and waste</i> . | 14:50 - 15:10 | Abstract Speaker | Dr Vicki Burggraaf (AgResearch Ltd, New Zealand) - <i>Carbon footprint of pasture-based New Zealand dairy farms using circular supplementary feeds</i> . | 14:45 - 15:05 | Abstract Speaker | Dr Subhadip Manik (ICAR-National Dairy Research Institute, Karnal, India) - <i>Nanofiltration and spray drying of artisanal sour buttermilk to conserve milk solids and utilization of nanofiltration permeate as an acidulant</i> . | |
| 11:30 - 11:50 | Break | | 15:10 - 15:30 | Break | | 15:05 - 15:30 | Break | | |
| 11:50 - 12:15 | Invited speaker | Toine Timmermans (Wageningen University & Research, The Netherlands) - <i>Avoiding food loss and waste through circular practices</i> . | 15:30 - 15:55 | Invited speaker | Fabian Bernal (Dairy Management, Inc., United States) - <i>Advancing Circularity in Dairy Production for a Sustainable Future</i> | 15:30 - 15:55 | Invited speaker | Dr Szabolcs Kertész (University of Szeged, Hungary) - <i>Dairy wastewater treatment by advanced membrane separation techniques</i> . | |
| 12:15 - 12:40 | Invited speaker | Niranjan Karade (National Dairy Development Board, India) - <i>Sustainability through Circularity- Indian Experience</i> . | 15:55 - 16:15 | Abstract Speaker | Pallavi Vyas (IDA, Indore, India) - <i>Green Tech transformation in sustainable Dairy - A global perspective.</i> | 15:55 - 16:15 | Abstract Speaker | Almira Avdić (University of Sarajevo, Bosnia and Herzegovina) - <i>The state of dairy and waste management in the milk processing sector in Bosnia and Herzegovina</i> . | |
| 12:40 - 13:30 | Break | | 16:15 - 16:35 | Abstract speaker | Dr Constantinos Katsimpouras (Department of Chemical Engineering, MIT, United States) - <i>Microbial Conversion of Dairy Industry Byproducts into Food and Feed Ingredients.</i> | 16:15 - 16:35 | Abstract speaker | Argyri Xenaki (University of the Aegean, Greece) - <i>Dairy Wastewater as a Sustainable Medium for Bioactive Compounds Production Using Microalgae Chlorella sorokiniana and Macrophyte Lemna minor</i> . | |
| | | | 16:35 - 16:55 | Abstract speaker | Dr Eial Izak (Mastitis Prevention Services, Argentina) - <i>Evaluation of Acoustic Pulse Technology on Greenhouse Gas Emissions</i> . | 16:35 - 16:55 | Sponsor speaker | Paul Coyne (Envetec Sustainable Technologies, Ireland) - <i>Circularity in Dairy Quality Testing: Unlocking Recycling for QC Laboratory Waste</i> . | |
| | | | 17:00 | End of day 1 | | 17:00 | Award and close of event | | |