

Tuesday, 28 November 2023 (Time CET)

9:00 - 9:10	Opening and welcome Caroline Emond , IDF Director General		13:00 - 13:30	Flash presentations - Eial Izak (Mastitis Prevention Services, Argentina) - <i>Evaluation of milking solution on bimodality</i> - Dr Giorgi Shtenberg (Volcani Institute, Israel) - <i>Portable nanosensor for rapid detection and characterization of botulinum neurotoxins in cattle</i> - Raul Costa Mascarenhas Santana (São Paulo State University and Embrapa Southeastern Livestock, Brazil) - <i>Machine learning for the prediction of subclinical mastitis in cows milked in automatic milking system</i>	
Session 1. Milking machine technology: design, efficiency and testing			Session 2. Dairy animals' health and welfare in sustainable milking systems		
Chairs: Lynda McDonald (TetraPak, Sweden) & David Cotton (Bridge Farm, United Kingdom)			Chairs: Ilka Klaas (DeLaval, Denmark) & Alejandra Viedma (Consortio Lechero, Chile)		
9:10 - 9:15	Introduction to session		13:30 - 13:35	Introduction to session	
9:15 - 9:40	Invited speaker	Prof. Rupert M. Bruckmaier (University of Bern, Switzerland) - <i>Milking technology meets cow physiology: the interplay of milk ejection and milk removal</i>	13:35 - 14:00	Invited speaker	Dr Sabine Ferneborg (Norwegian University of Life Sciences, Norway) - <i>Milking in cow-calf contact systems: current considerations and future needs</i>
9:40 - 10:05	Invited speaker	Prof. Douglas Reinemann (University of Wisconsin-Madison, United States) - <i>Advances and challenges in machine milking technologies</i>	14:00 - 14:25	Invited speaker	Dr Jennifer Walker (Kinder Ground, United States) - <i>Milking systems impact on the welfare dairy cattle and their caregivers</i>
10:05 - 10:30	Invited speaker	Dr John Upton (Teagasc, Animal & Grassland Research and Innovation Centre, Ireland) - <i>Improving milking efficiency</i>	14:25 - 14:50	Invited speaker	Prof. Victor Cabrera (University of Wisconsin-Madison, United States) - <i>Continuous dairy data integration for improved management and decision-making</i>
10:30 - 11:00	Break		14:50 - 15:15	Break	
11:00 - 11:25	Invited speaker	Morten Dam Rasmussen (Aarhus University, Denmark) - <i>Cluster remover settings, overmilking and interpretation of vacuum measurements</i>	15:15 - 15:55	Invited speaker	Eyal Brayer (Dairyco, Israel) - <i>Meadow Sense: The first true fully autonomous dairy farm</i>
11:25 - 11:45	Abstract speaker	Prof Alen Dzidic (University of Zagreb, Croatia) - <i>Effect of liner shape and dimensions on teat penetration during milking in dairy cows</i>	15:55 - 16:15	Abstract Speaker	Martin Browne (Teagasc, Ireland) - <i>Combining milking machine and accelerometer data to indicate the level of cow comfort on different milking machine settings</i>
11:45 - 12:05	Abstract speaker	Jean-Louis Poulet (Idele, France) - <i>CapriMam3D: new artificial teats to improve goat milking device laboratory tests</i>	16:15 - 16:35	Abstract speaker	Prof. Alfonso Zecconi (University of Milan, Italy) - <i>Innovative materials with antimicrobial activity to decrease infection risk during milking</i>
12:05 - 12:30	Advisor's perspective	Dr John Penry (Dairy Australia, Australia) - <i>Recent science in liner performance with an Australasian and US lens</i>	16:35 - 17:00	Advisor's perspective	William Smits (Delaval) - <i>Milking cows is not that simple</i>
12:30 - 13:00	Break		17:00	End of day 1	

Wednesday, 29 November 2023 (Time CET)

13:00 - 13:30	<p>Flash presentations</p> <ul style="list-style-type: none"> - Fiona Louise Guinan (University of Wisconsin-Madison, United States) - <i>Genetic analysis of lactation consistency using daily milk weights in U.S. Holsteins</i> - Prof Rafi Ahmad (Inland Norway University, Norway) - <i>A culture-amplification-independent, and rapid method for identification of pathogens and antibiotic resistance profile in bovine mastitis milk</i> 	
	Photo Story Contest Session	
Session 3. Farm management and dairy business in milking systems		
Chairs: Carol Smith (Franklin & Sons P/L, Zimbabwe) & Helen Dornom (Dairy Australia, Australia)		
13:30 - 13:35	Welcome and Introduction to session	
13:35 - 14:00	Invited speaker	Dr Callum Eastwood (DairyNZ, New Zealand) - <i>Technology and workplace productivity in grazed dairy systems</i>
14:00 - 14:20	Abstract Speaker	Dr Pablo Silva Boloña (Teagasc, Ireland) - <i>Does concentrate supplementation and milking permission increase milking frequency in a pasture based automatic milking system? Evidence from a controlled trial</i>
14:20 - 14:45	Invited speaker	Dr Carl Oskar Paulrud (DeLaval, Sweden) - <i>Status on the ongoing revision of ISO standards on machine milking</i>
14:45 - 15:00	Sponsor Presentation: Dairymaster , Michael Ryan - <i>DairyVue360 with Swiftflo personalised milking</i>	
15:00 - 15:15	Break	
15:15 - 15:40	Invited speaker	Johan Grolleman (Melkwinning J.A., The Netherlands) - <i>Cow-machine-human interaction</i>
15:40 - 16:05	Invited speaker	Urs Schmid (DeLaval AG, Switzerland) - <i>On-farm implementation of innovative machine technologies and milking routines</i>
16:05 - 16:25	Abstract speaker	Anna Schwanke (University of Guelph, Canada) - <i>Impact of dairy cow personality traits and concentrate allowance on the adaptability, behaviour, and production of dairy cows trained to use a free-traffic automated milking system</i>
16:25 - 16:50	Advisor's perspective	Wayne Swart (Derrylin Agricultural Services Pty Ltd, South Africa) - <i>Dairy development in Tanzania</i>
16:50 - 17:00	Awards and close of event	