

## Final programme

# 8<sup>TH</sup> IDF INTERNATIONAL SYMPOSIUM ON SHEEP, GOAT AND OTHER NON-COW MILK

**Virtual event: 4-6 Nov 2020**



## 8TH IDF INTERNATIONAL SYMPOSIUM ON SHEEP, GOAT AND OTHER NON-COW MILK

<b>8TH IDF INTERNATIONAL SYMPOSIUM ON SHEEP, GOAT AND OTHER NON-COW MILK</b>				
<b>9:00am to 16:30pm. Wednesday, 4 November 2020</b>				
<i>Virtual event hosted by the International Dairy Federation Head Office</i>				
<b>Programme</b>				
<b>Time</b>	<b>Role</b>	<b>Presentation Title</b>	<b>Speakers</b>	<b>Affiliation</b>
<b>Sustainability</b>				
9:00am	Welcome and Introductions		Caroline Emond	Director General, International Dairy Federation
	Moderator		Caroline Emond	Director General, International Dairy Federation
	Moderator		Véronique Pilet	Groupe SAVENCIA, France. Deputy Chair of the IDF SC on Dairy Policies and Economics
9:15am	Keynote	Socio-economic sustainability, policies, and social aspects of non-cow milk production	Dr Nicoline de Haan	Senior researcher, International Livestock Research Institute, Kenya
9:45am	Invited speaker	Climate change and animal genetic resources for food and agriculture: state of knowledge, risks, and opportunities	Dr Mohammed Bongoumi	Animal Production and Health Officer, Subregional Office of FAO in North Africa, Tunisia
10:15am	Invited speaker	Dairy Markets and Policy for non-bovine milk	Prof Emeritus Andrew M. Novaković	Cornell University, United States
<b>10:45am</b>	<b>Questions and answers</b>			
<b>10:45am</b>	<b>Break</b>			
<b>Sustainable milk production</b>				
	Moderator		Pierre Barrucand	ACTALIA, France. Chair of the IDF SC on Environment
	Moderator		Dr Ying Wang	Dairy Management Inc, United States, IDF SPCC Member on Environment
11:45am	Selected abstract	Small ruminants: assessment of the greenhouse gas methane using the GWP* metrics	Dr Agustín del Prado	BC3-Basque Centre for Climate Change-Klima Aldaketa Ikergai, Spain
12:15pm	Selected abstract	CAP'2ER®: the environmental footprint calculator for French goat systems	Dr Aurore Vigan	Institut de l'Elevage, France
12:35pm	Selected abstract	Managing sheep farm performances at territorial scale to improve productivity and environmental performance	Dr Alberto Stanislao Atzori	Sezione di Scienze Zootecniche, Italy
<b>13:00pm</b>	<b>Questions and answers</b>			

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<b>13:30pm</b>	<b>Break</b>			
<b>Sustainable animal health strategies</b>				
	Moderator		Prof David Kelton	University of Guelph, Canada
	Moderator		Dr Ilka Klaas	Dairy Development Director, DeLaval International
14:30pm	Keynote	Global strategy for the control and eradication of Peste des Petits Ruminants	Anna-Maria Baka	Chargée de mission at Status Department, World Organisation for Animal Health
15:00pm	Invited speaker	Monitoring of goat welfare	Prof Edna Hillmann	Humboldt-Universität zu Berlin, Germany
15:20pm	Selected abstract	Implementation of genomics in French dairy goat selection scheme	Dr Virginie Clément	Institut de l'Elevage, France
	Flash poster	MiRNA profile in milk extracellular vesicles is modulated by caprine alphaS1-casein genotype	Christine Leroux	INRAE, France
	Flash poster	The economic burden of bluetongue disease for the Italian sheep industry and the national herd service	Massimo Canali	Universita di Bologna, Italy
<b>15:30pm</b>	<b>Questions and answers</b>			
	<b>Closing of the day</b>			

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**8TH IDF INTERNATIONAL SYMPOSIUM ON SHEEP, GOAT AND OTHER NON-COW MILK**

**9:00am to 15:30pm. Thursday 5, November 2020**

*Virtual event hosted by the International Dairy Federation Head Office*

**Programme**

<b>Time</b>	<b>Role</b>	<b>Presentation Title</b>	<b>Speakers</b>	<b>Affiliation</b>
<b>Novel milk products &amp; health impact</b>				
9:00am	Welcome and Introductions		Laurence Rycken	Science and Standards Programme Manager, International Dairy Federation
	Moderator		Laurence Rycken	Science and Standards Programme Manager, International Dairy Federation
	Moderator		Erica Hocking	Senior Nutrition Scientist, Deputy Chair of the SC on Nutrition and Health
9:15am	Keynote	The role of goat milk for early life nutrition & other life stages	Dr Sophie Gallier	Clinical Research Manager, Dairy Goat Cooperative, New Zealand
9:45am	Keynote	Improving value and quality of non-bovine milk by lactation physiology	Assist Prof Nurit Argov	Department of Animal Science, Hebrew University of Jerusalem, Israel
10:15am	Selected abstract	Dynamic in vitro gastric digestion of sheep and goat milk: influence of heat treatment and homogenisation	Siqi Li	The Riddet Institute of Massey University, New Zealand
<b>10:30am</b>	<b>Questions and answers</b>			
<b>11:00am</b>	<b>Break</b>			
<b>Processing technologies</b>				
	Moderator		Dr Diarmuid Sheehan	Teagasc, Ireland. Chair of the SC on Dairy Science and Technology
	Moderator		Prof Milena Corredig	Aarhus University, Denmark
11:30am	Keynote	Processing technologies for non-bovine milk: opportunities and challenges	Prof Thom Huppertz	Dairy Science & Technology, Wageningen University & Research, The Netherlands
12:00pm	Keynote	Camel milk and its products, novelties, and challenges	Assoc Prof Mutamed Ayyash	College of Food and Agriculture, UAE University, United Arab Emirate

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	Flash poster	Characterisation of basic composition, physical properties & antimicrobial enzymes of Australian camel milk	Zhengzheng Zou	The University of Queensland, Australia
	Flash poster	Commercial probiotic bacteria selection for the development of a functional fermented beverage based on donkey milk	Panagiotis Mousikos	Cyprus University of Technology, Cyprus
	Flash poster	Testing a commercial $\beta$ -galactosidase to produce lactose-free goat's milk yogurt	Carlo Spanu	University of Sassari, Italy
	Flash poster	Ovine Ice Cream made with addition of Whey Protein Concentrates (Ovine/Caprine)	Ekaterini Moschopoulou	Agricultural University of Athens, Greece
<b>13:00pm</b>	<b>Questions and answers</b>			
<b>13:30pm</b>	<b>Break</b>			
14:00pm	Selected abstract	Technologies to maintain quality of donkey milk powder	Photis Papademas	Cyprus University of Technology, Cyprus
14:30pm	Selected abstract	Technologies to predict the composition of sheep milk	Gilles Lagriffoul	Institut de l'Elevage, France
14:40pm	Selected abstract	Using technology to determine sheep milk quality composition in different organic grazing systems	Pierluigi Caboni	University of Cagliari, Italy
<b>15:00pm</b>	<b>Questions and answers</b>			
<b>15:30pm</b>	<b>Closing of the day</b>			

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**8TH IDF INTERNATIONAL SYMPOSIUM ON SHEEP, GOAT AND OTHER NON-COW MILK**

**9:00am to 15:30pm. Friday 6, November 2020**

*Virtual event hosted by the International Dairy Federation Head Office*

**Programme**

Time	Country	Presentation Title	Speakers	Affiliation
<b>Quality &amp; safety “Farm to Table”</b>				
9:00am		Welcome and Introductions	Aurelie Dubois	Science and Standards Programme Manager, International Dairy Federation
		Moderator	Aurelie Dubois	Science and Standards Programme Manager, International Dairy Federation
		Moderator	Harrie van den Bijgaart	Manager Innovation & Business Development, Quality assurance in dairy, The Netherlands
9:15am	Invited speaker	Why do Somatic Cell Counts in Goat Milk matter?	Olav Østerås	Special Advisor Animal Health and Welfare, TINE Advisory Service, Norway. IDF Chair of the SC on Animal Health and Welfare
10:10am	Selected abstract	Effect of goat milk quality (somatic cell count) on cheese	Ragnhild Aabøe Inglingstad	TINE Advisory Service, Norway
	Flash poster	Management of <i>Listeria monocytogenes</i> risk during cheesemaking and shelf life of Mozzarella di Bufala Campana PDO cheese	Marcello Alinovi	University of Parma, Italy
	Flash poster	Prevalence and characterization of <i>Yersinia enterocolitica</i> detected from sheep and goat raw milk and cheese making plants	Carlo Spanu	University of Sassari, Italy
<b>10:30am</b>	<b>Questions and answers</b>			
<b>11:00am</b>	<b>Break</b>			
<b>Udder health</b>				
		Moderator	Prof Emerita Paula Menzies	University of Guelph, Canada
		Moderator	Dr Gerrit Koop	Universiteit Utrecht, The Netherlands
11:30am	Keynote	Improving animal production	Dr Haim Leibovich	Farm advisor, Sheep and goat dairy systems, Israel

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10:25am	Selected abstract	Making of small ruminants	Dr Jean-Louis Poulet	Institut de l'Elevage, France
	Flash poster	Oxytocin release as good indicator of milking efficiency in camels	Pierre-Guy Marnet	L'institut AGRO, France
<b>12:45pm</b>	<b>Questions and answers</b>			
<b>13:15pm</b>	<b>Break</b>			
14:00am	Selected abstract	Practical Management of Mastitis in small ruminants for vets and farmers	Dr Maria Filippa Addis	University of Milan, Italy
14:20am	Selected abstract	Understanding mastitis in camels to increase productivity	Dinah Seligsohn	Department of Animal Health and Antimicrobial Strategies, Kenya & Sweden
14:50am	Selected abstract	Clinical mastitis in water buffalo: Understanding causes	Shuvo Singha	UNIMI, Italy & SAU, Udder Health Bangladesh, Bangladesh
	Flash poster	Methicillin resistant <i>Staphylococcus aureus</i> in dairy goats in Sweden	Dr Ylva Persson	National Veterinary Institute, Sweden
<b>14:50pm</b>	<b>Questions and answers</b>			
<b>15:20pm</b>	<b>Closing</b>		Dr María Sánchez Mainar	Science and Standards Programme Manager, International Dairy Federation