

8th European Symposium on South American Camelids and 4th European Meeting on Fibre Animals

26.09.2022 – 28.09.2022 - Free University of Bolzano

Program

26.09.2022

8.30 – 8.45

Opening

8.45 – 9.15

Small ruminants fleece: genetic and genomics
opportunities in Europe

Keynote: **Daniel Allain**, INRA, Toulouse, France

[\(ONLINE\)](#)

9.15 – 9.45

Sustainable development and climate change

Keynote: **Georg Kaser**, University of Innsbruck, Austria

[\(ONLINE\)](#)

9.45 – 10.30

Coffee

Biodiversity - Juan Pablo Gutierrez

10.30 – 11.00

Recent evolutionary history of South American
Camelids, a genetics perspective

Keynote: **Pablo Orozco-ter Wengel**, Cardiff University

[\(ONLINE\)](#)

11.00 - 11.15

Colour variants of Swedish finewool sheep and Rya sheep

Anna M. Johansson

11.15 – 11.30

Study of the FGF5 gene in the fleece length on camelids of the
new world

Carola Melo

[\(ONLINE\)](#)

11.30 – 11.45

Genetic diversity in alpaca LALBA promoter affects pGL3-
luciferase expression

Alfredo Paucullo

11.45 – 12.00

Evaluation of the hybridization and introgression between
llamas and alpacas in Bolivian populations using “Y”
chromosome and mitochondrial molecular markers

Alejandra del Pilar Román

[\(ONLINE\)](#)

12.00 – 13.30

Lunch

Breeding and genetics - Maria Wurzinger

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| 13.30 – 14.00 | Genes for coat colour and type of fleece identified in alpaca
Keynote: Carlo Renieri , University of Camerino, Italy |
| 14.00 – 14.30 | Advances and challenges in knowing the Alpaca genome
Keynote: Gustavo A. Gutierrez Reynoso , Universidad Nacional Agraria La Molina, Peru |
| 14.45 – 15.00 | Resuming wool: a strategy for active conservation of an Italian Merino-type sheep breed
Elena Ciani |
| 15.00 – 15.15 | The Sopravissana sheep three centuries of resilience, meat, fiber and far more
Glenda Giampaoli |
| 15.15 – 15.30 | The wool quality of Jezersko-Solčava and Improved Jezersko-Solčava sheep in Slovenia
Mojca Simcic (ONLINE) |
| 15.30 – 16.00 | Coffee |

Breeding and genetics (II)

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| 16.00 – 16.30 | Moving selection criterion from fineness to removing medullation in an alpaca breeding program
Keynote: Juan Pablo Gutierrez , Universidad Complutense de Madrid, Spain |
| 16.30 – 16.45 | Improving a black alpaca breeding program using colourimeter values for male selection
Leyfeng Alan Camacho (ONLINE) |
| 16.45 – 17.00 | Polymorphisms in MC1R and ASIP genes with colour phenotypes
Ruben Pinares (ONLINE) |
| 17.00 – 17.15 | Genome sequencing of the four camelid species of the New World
Carola Melo (ONLINE) |

27.09.2022

Health and reproduction (I) - Anna Johansson

9.00 – 9.45	Coccidiosis, New Thoughts on an Ancient Disease Keynote: Chris Cebra , Orgeon State University, USA
9.45 – 10.30	New aspects on infectious and parasitic diseases Keynote: Thomas Wittek , University of Veterinary Medicine Vienna, Austria
10.30 – 11.00	Coffee

Health and reproduction (II)

11.00 – 11.45	Clinical aspects of camelid reproduction. The veterinarian's point of view Keynote: Walter Bravo , Universidad Nacional San Antonio Abad del Cusco, Peru (ONLINE)
11.45 – 12.00	<i>Candidatus Mycoplasma haemolamae</i> - a first idea of prevalence in German llama and alpaca flocks Eva-Maria Bartl
12.00 – 13.30	Lunch

13.30 – 13.45	Reproductive management of llama and alpaca flocks in Germany - results from a survey among animal owners Lisa Ulrich
13.45 – 14.00	Effects of Photoperiod on Cashmere Shedding Synchronization and its Mechanism in Hanshan White Cashmere Goats Sun Haizhou

Nutrition - Juan Pablo Gutierrez

14.00 – 14.30	Nutritional biology and energy expenditure in South American camelids Keynote: Alexander Riek , FLI – Federal Research Institute for Animal Health, Germany
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- 14.30 – 14.45 Effect of Dietary Protein on Postpartum Reproductive Performance in Alpacas
Robert Van Saun
- 14.45 – 15.00 Blood Calcium-Phosphorus Product as a Proxy for Vitamin D Status in Camelids
Robert Van Saun
- 15.00 – 15.15 Effects of dietary supplementation with N-carbamylglutamate on maternal endometrium and fetal development during early pregnancy in Inner Mongolia
Sun Haizhou
- 15.15 – 15.30 Effects of dietary phosphorus on puberty and reproductive performance in female alpacas
Robert Van Saun

15.30 – 16.00 Coffee

- 16.00 – 16.15 Interaction between vicuñas and sheeps in the Reserva Nacional Pampa Galeras – Perú
Diana Quispe Roque (ONLINE)

Fibre metrology

- 16.15 – 16.30 Develop of a novel device to determinate incidence medullation of white alpaca fiber
Max Quispe Bonilla
- 16.30 – 16.45 Develop of a software based an artificial intelligence to determine density fiber on skin alpacas
Edgar Quispe
- 16.45 – 17.00 Community based vicuña fleece collection in the arid puna of Argentina
Diego Sacchero (ONLINE)
- 17.00 – 17.15 Establishment of camel wool chain in Iran with the aim of improving the livelihood of camel owners
Rafat Seyed Abbas (ONLINE)

18.30 Social dinner (**Malojer**, Weggensteinstraße 36, Bozen/Bolzano)

28.09.2022

Behaviour and animal welfare - Martina Gerken

9.00 – 9.30	Shearing of alpacas and animal welfare Keynote: Susanne Waiblinger , University of Veterinary Medicine Vienna, Austria (ONLINE)
9.30 – 9.45	Drinking behavior in llamas (<i>Lama glama</i>) offered fresh and saline water Nick Enke (ONLINE)
9.45 – 10.00	Assessing Animal Welfare Risks with the 5 Domains framework Kaja Salobir
10.00 – 10.30	Coffee
10.30 – 10.45	Does the usual keeping of male South American Camelids conform with the law of animal welfare? Ilona Gunsser
10.45 – 11.00	Stress in alpacas: physiological and behavioral responses during the shearing procedure Natalia Nöllenburg
11.00 – 11.15	Relationship between coat colour and temperature measurements along the alpaca fibre Leyfeng Alang Camacho (ONLINE)
11.15 – 11.30	Wool collection centres Marie-Thérèse Chaupin (ONLINE)
11.30 – 11.45	Ways to improve the profitability of sheep farming with rare indigenous sheep breeds Nathalie Ketterle (ONLINE)
11.45 – 12.00	Can Alpacas and Vicuñas Save the Planet? Mike Safley (ONLINE)
12.00 – 12.15	Picotani Water Project Dale Cantwell (ONLINE)

Final remarks