

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

(ONLINE)

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

9.15 – 9.45

Sustainable development and climate change

(ONLINE)

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

9.45 – 10.30

Coffee

Biodiversity - Juan Pablo Gutierrez

10.30 – 11.00

Recent evolutionary history of South American
Camelids, a genetics perspective

(ONLINE)

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

11.00 - 11.15

Colour variants of Swedish finewool sheep and Rya sheep

Anna Johannson

11.15 – 11.30

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

Carola Melo

11.30 – 11.45

Genetic diversity in alpaca LALBA promoter affects pGL3-
luciferase expression

C. Versace

11.45 – 12.00

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

Alejandra del Pilar Román

12.00 – 13.30

Lunch

Breeding and genetics (I) - Maria Wurzinger

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 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 Letizia Temerario
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 (ONLINE) Mojca Simcic
15.30 – 16.00	Coffee

Breeding and genetics (II)

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 Alan Cruz
16.45 – 17.00	Polymorphisms in MC1R and ASIP genes with colour phenotypes Ruben Pinares
17.00 – 17.15	Genome sequencing of the four camelid species of the New World Carola Melo

27.09.2022

Health and reproduction (I) - Anna Johansson

- 9.00 – 9.45 Coccidiosis, New Thoughts on an Ancient Disease
Keynote: **Chris Cebra**, Oregon State University, USA
- 9.45 – 10.30 New aspects on infectious and parasitic diseases
Keynote: **Thomas Witteck**, 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 [\(ONLINE\)](#)
Keynote: **Walter Bravo**, Universidad Nacional
San Antonio Abad del Cusco, Peru
- 11.45 – 12.00 *Candidatus Mycoplasma haemolamae* - 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

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
	Fibre metrology - Maria Wurzinger
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
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

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? Ilna 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 Alex Yucra	
11.15 – 11.30	Wool collection centres Marie-Thérèse Chaupin	
11.30 – 11.45	Ways to improve the profitability of sheep farming with rare indigenous sheep breeds Nathalie Ketterle	
11.45 – 12.00	Can Alpacas and Vicuñas Save the Planet? Mike Safley	(ONLINE)



12.00 – 12.15



VEREIN ZUR FÖRDERUNG DER FORSCHUNG
IM GESUNDHEITSEKTOR VON
LAMAS UND ALPAKAS e.V.

Picotani Water Project
Dale Cantwell



(ONLINE)

Final remarks