

Bozen-Bolzano 2018

1. European Symposium on Livestock Farming in Mountain Areas



20.-22.06.2018

a cooperation of Freie Universität
Bozen-Bolzano, EURAC Research,
Università degli studi di Padua and
FIBL Switzerland

Conference Program: Overview

Tuesday 19.06.18	
16.00 – 18.00	Registration opens at EURAC (Drususallee 1/Viale Druso 1, 39100 Bozen-Bolzano)
18.00 – 22.00	Welcome reception at Faculty Club F7 Unibz (Universitätsplatz/Piazza Università 1, 39100 Bozen-Bolzano)

Wednesday 20.06.18	
07.30 – 08.45	Registration and Coffee
08.45 – 09.15	Welcome Session
09.15 – 09.45	Invited Talk 1: “New breeding strategies for local and endangered cattle breeds in the Alps”, Johann Sölkner, University of Natural Resources and Life Sciences (Austria)
10.00 – 10.30	Session 1a: Mountain Dairy Breeding and Husbandry I Session 1b: Mountain Farms in their Social Environment
10.30 – 11.00	Coffee Break
11.00 – 11.30	Invited Talk 2: “Niche Marketing for Premium Food: The example of Mountain Products”, Achim Spiller, Georg-August-University Göttingen (Germany)
11.30 – 12.30	Session 2a: Mountain Sheep and Goat Breeding and Husbandry I Session 2b: Innovation and Marketing of Mountain products
12.30 – 14.00	Lunch Break
14.00 – 14.30	Invited Talk 3: “Socioeconomic valuation of ecosystem services delivered by mountain livestock farming”, Alberto Bernués Jal, Centro de Investigación y Tecnología Agroalimentaria de Aragón (Spain)
14.30 – 15.45	Session 3a: Mountain Livestock and Landscape Biodiversity Session 3b: Mountain Dairy Breeding and Husbandry II
15.45 – 16.15	Coffee break
16.15 – 17.00	Session 4a: Cooperatives in Mountain Farming Session 4b: Poultry and Horses in Mountain Farming
17.00 – 19.00	Poster Session and Aperitivo

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Thursday 21.06.18	
08.30 – 09.00	Invited Talk 4: “Reciprocal relationships between humans and wolves as a way to keep wolves at distance from livestock”, Michel Meuret and Nicolas Lescureux, COADAPHT networks animator/CNRS (France)
09.30 – 10.15	Session 5a: Wildlife management in the mountains Session 5b: Mountain Dairy Breeding and Husbandry III
10.15 – 11.00	Coffee break
11.00 – 12.30	Session 6a: Farm Economics and Succession in Mountain Livestock Farming Session 6b: Grassland Management and Mountain Pasture
12.30 – 14.00	Lunch Break
14.00 – 14.30	Invited Talk 5: “Phenotypic variation of technological and nutritional milk traits in local and cosmopolitan dairy breeds reared in mountain areas”, Massimo De Marchi, Università degli studi di Padova (Italy)
14.30 – 15.00	Session 7a: Mountain livestock product quality Session 7b: Mountain Sheep and Goat Breeding and Husbandry II
15.00 – 15.45	Session 8a: Mountain Dairy Breeding and Husbandry IV Session 8b: Mountain Livestock and Climate Change
15.45 – 16.15	Closing of the conference
16.15 – 17.00	Next conference; Founding an EAAP Working group
18.00 – 19.00	City Walking Tour Bozen Meeting Point: 17.45 EURAC OR 18.00 Waltherplatz in the city centre
Friday 22.06.18	
07.45 – 13.00	Excursion, Meeting Point: EURAC

Conference Program: Session Details

Wednesday 20.06.18, EURAC, Drususallee 1/Viale Druso 1, 39100 Bozen-Bolzano		
	Conference Hall Ground Floor	Seminar Room Ground Floor
07:30 – 08:45 Registration and Coffee	Foyer: Registration, Coffee	
08.45 – 09.15 Welcome Session <u>Auditorium</u>	Greetings and Welcome in the Auditorium: Matthias Gauly, Unibz	/
09.15 – 09.45 Invited Talk <u>Auditorium</u>	Johann Sölkner, University of Natural Resources and Life Sciences (Austria): New breeding strategies for local and endangered cattle breeds in the Alps <i>Chair: Matthias Gauly</i>	/
10.00 – 10:30 Session 1a/b	<i>Mountain Dairy Breeding and Husbandry I</i> <i>Chair: Giulio Cozzi</i>	<i>Mountain Farms in their Social Environment</i> <i>Chair: Christian Hoffmann</i>
10.00 – 10.15	Fuerst-Waltl, Birgit et al.: Alpine pasturing of young stock positively affects fitness-related traits	Guidobono Cavalchini, Antoniotto et al.: Animal systems in the Apennines and economic and environmental sustainability
10.15 – 10.30	Zupan, Manja et al.: Keeping cows on mountain alpine pasture affects rising and fear towards unfamiliar humans positively	Quendler, Erika: The social inclusion of female farmers in mountain areas
10:30 – 11:00 Coffee Break	Foyer and Garden: Coffee break	
11.00 –11.30 Invited Talk	Achim Spiller, Georg-August-University Göttingen (Germany): Niche Marketing for Premium Food: The example of Mountain Products <i>Chair: Gesa Busch</i>	

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11:30 – 12:30 Session 2a/b	<i>Innovation and Marketing of Mountain products</i> <i>Chair: Gesa Busch</i>	<i>Mountain Sheep and Goat Breeding and Husbandry I</i> <i>Chair: Veronica Maurer</i>
11.30 – 11.45	Gambardella, Annalisa et al.: Innovation and promotion of livestock product systems: a case study of the mountain regions of the Calabrian inland	Weber, Hélène: The role of sheep in the transformations of sheep farming and marketing of lambs in Switzerland
11.45 – 12.00	Rainis, Simona et al.: Remarkable value of the dairy products in the mountain of FVG (Italy): role of quality labels and technical assistance	Rose, Ian et al.: Breeding goals for sheep managed on extensive farms need to be adapted to the number of animals managed
12.00 – 12.15	Sturaro, Enrico: The added value of mountain livestock products: an ecosystem services approach	Mendel, Christian et al.: Preserving Alpine Biodiversity with Indigenous Livestock Breeds: the example of the Alpine Steinschaf
12.15 – 12.30	Segato, Severino et al.: The analysis of nutritional profile and communication strategy of intensive and extensive dairy chain products in the North-East of Italy	Milerski, Michal et al.: Milk production and composition in Wallachian sheep
12:30 – 14:00 Lunch Break	Foyer and Garden: Lunch break	
14:00 – 14:30 Invited Talk	Alberto Bernués Jal, Centro de Investigación y Tecnología Agroalimentaria de Aragón (Spain): Socioeconomic valuation of ecosystem services delivered by mountain livestock farming <i>Chair: Thomas Streifeneder</i>	/
14.30 – 15.45 Session 3a/3b	<i>Mountain Livestock and Landscape Biodiversity</i> <i>Chair: Thomas Streifeneder</i>	<i>Mountain Dairy Breeding and Husbandry II</i> <i>Chair: Giulio Cozzi</i>
14.30 – 14.45	Silvestri, Silvia et al.: Agro-ecological typization of hay meadows in mountain areas: a tool for the sustainable management of local forage resources	Bieber, Anna et al.: Comparison of production level, fertility and health associated traits of native and commercial dairy cattle breeds on organic farms in Austria and Switzerland
14.45 – 15.00	Schneider, Manuel et al.: Counteracting green alder expansion by extensive grazing: Potential and challenges	Herndl, Markus et al.: Eco-efficient dairy farming – a case study from a mountainous region in Austria
15.00 – 15.15	Pauler, Caren et al.: Does cattle breed prime the composition of grazed vegetation?	Flach, Laura et al.: Effect of low and high concentrate supplementation on health and welfare in mountain dairy farms
15.15 – 15.30	Assandri, Giacomo et al.: The impact of modern dairy farming on avian communities: a case study in the hay meadows of Trentino	Saha, Sudeb et al.: Effects of summer transhumance of dairy cows to alpine pastures on milk composition and cheese yield
15.30 – 15.45	Monsorno, Roberto et al.: HealthyFarm: providing a Precision Livestock Farming solution within the process of digital transformation in agriculture	Just, Annik et al.: Genotype by environment interactions in low and high altitude farm locations and production systems for milk production traits in Brown Swiss cattle

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15.45 – 16.15 Coffee break	Foyer and Garden: Coffee break	
16:15 – 17:00 Session 4a/4b	<i>Cooperatives in Mountain Farming</i> <i>Chair: Christian Hoffmann</i>	<i>Poultry and Horses in Mountain Farming</i> <i>Chair: Veronika Maurer</i>
16.15 – 16.30	Miribung, Georg: “Community-barns” as an instrument to foster cooperation between small-scale farmers: legal issues and challenges	Ablondi, Michela et al.: Explore genetic diversity at pedigree level in an Italian native mountain horse breed to develop strategies for breed preservation and management
16.30 – 16.45	Romanzin, Alberto: Dual Breeding Project - Dual-purpose cattle breeds: an alternative model of eco-sustainable animal husbandry	Lambertz, Christian et al.: Potential of two dual-purpose chicken genotypes for egg and meat production for small-scale mountain farmers
16.45 – 17.00	Pachoud, Carine: Relations of proximity between local actors and territorial development dynamics: analysis of the artisanal Serrano cheese value chain in the Campos de Cima da Serra region/RS-Brazil	Wuthijaree, Kunlayaphat et al.: Prevalence and burden of helminths in free-range laying hens under mountain farming conditions in Northern Italy
17:00 – 19:00 Poster Session and Aperitivo	Poster session + Come together (Aperitivo)	

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Thursday 21.06.18, EURAC, Drususallee 1/Viale Druso 1, 39100 Bozen-Bolzano		
	Room 1	Room 2
08:30 – 09:30 Invited Talk	Michel Meuret and Nicolas Lescureux, COADAPHT networks animator/CNRS (France): Reciprocal relationships between humans and wolves as a way to keep wolves at distance from livestock <i>Chair: Thomas Streifeneder</i>	/
09.30 – 10.15 Session 5a/5b	Wildlife management in the mountains <i>Chair: Thomas Streifeneder</i>	Mountain Dairy Breeding and Husbandry III <i>Chair: Giulio Cozzi</i>
09.30 – 09.45	Trevisan, M. et al.: Analysis of brown bear predation on livestock in the Eastern Alps and technical solutions to reduce the negative interactions and to promote the establishment of bear Alpine-Dinaric-Pindos metapopulation	Seefried, Franz: Reviewing developments in breeding Original Braunvieh
09.45 – 10.00	Yannick, F. et al.: Golden jackal and livestock: new conflicting scenarios?	Zollitsch, Werner et al.: Sustainability of dairy production in mountainous areas of Austria
10.00 – 10.15	Stauder, Julia et al.: Social aspects and management strategies for wolf conflicts in South Tyrol	Zuliani, Anna et al.: Welfare assessment in mountain small scale dairy farms
10:15 – 11:00 Coffee break	Foyer and Garden: Coffee break	

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11:00 – 12:30 Session 6a/6b	<i>Farm Economics and Succession in Mountain Livestock Farming</i> <i>Chair: Christian Fischer</i>	<i>Grassland Management and Mountain Pasture</i> <i>Chair: Matthias Gauly</i>
11.00 – 11.15	Kirner, Leopold: Competitiveness and future strategies of mountain dairy farms in Austria	Speroni, Marisanna et al.: Robustness and resilience of livestock farming systems in the Alps
11.15 – 11.30	Fritz, Christian: Comparison of costs and benefits of field drying, barn drying and ensiling	Maxa, Jan et al.: Livestock monitoring and workload on alpine pastures
11.30 – 11.45	Gramm, Verena et al.: Agriculture 4.0 – Potentials and Perspectives for Farmers and Mechanical Engineers in South Tyrol	Lonati, Michele et al.: Changing from continuous to rotational grazing enhances alpine grassland composition and plant diversity: results of a five-year monitoring
11.45 – 12.00	Sati, Vishwambhar Prasad: Livestock farming in the Uttarakhand Himalaya, India: use pattern and potentiality	Dolek, Matthias et al.: Dos and Don'ts: Key characteristics and recommended actions to improve the conservation of Alpine grasslands and their characteristic invertebrates
12.15 – 12.30	Cozzi, Giulio et al.: SoZooAlp as bridge between research and end-users in the livestock sector of the Italian alpine area	Florian, Claudia et al.: Suitability of seed mixtures containing tall fescue (<i>Festuca arundinacea</i> Schreb.) for mountain permanent meadows under recurrent drought
12:30 – 14:00 Lunch break	Foyer and Garden: Lunch break	
14.00 – 14.30 Invited Talk	Massimo De Marchi, Università degli studi di Padova (Italy) Phenotypic variation of technological and nutritional milk traits in local and cosmopolitan dairy breeds reared in mountain areas <i>Chair: Thomas Streifeneder</i>	
14.30 – 15.00 Session 7a/7b	<i>Mountain livestock product quality</i> <i>Chair: Thomas Streifeneder</i>	<i>Mountain Sheep and Goat Breeding and Husbandry II</i> <i>Chair: Veronika Maurer</i>
15.00 – 15.15	Cozzi, Giulio et al.: Quality and traceability of mountain dairy products	Signer-Hasler, Heidi et al.: Runs of homozygosity and genomic inbreeding in local Swiss sheep breeds
15.15 – 15.30	Asaduzzaman, Mohammad et al.: Verifying geographical origin of South Tyrol milk by proton transfers reaction mass spectrometry (PTR-MS)	Ravetto, Enri et al.: Is distance from night penning areas an effective proxy to estimate sheep stocking density at grazing? A new methodology experienced in the Western Italian Alps

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15.00 - 15.45 Session 8a and 8b	<i>Mountain Dairy Breeding and Husbandry IV</i> <i>Chair: Giulio Cozzi</i>	<i>Mountain Livestock and Climate Change</i> <i>Chair: Christian Hoffmann</i>
15.00 – 15.15	Chiumia, Daniel et al.: Alpine pasture affects circulating progesterone and oviduct redox environment in early-pregnant heifers	Mayer, Andreas et al.: From farmers, livestock and mountains – Assessing scenarios of land use and ecosystem impacts under climate change in selected mountainous regions in the Pyrenees
15.15 – 15.30	Poulopoulou, Ioanna et al.: Evaluating working time of mountain dairy farms – A step towards production efficiency	Vitalone, Lorenzo et al.: Changes of yield and forage quality of silage maize over the last 30 years in South Tyrol
15.30 – 15.45	Costa, Angela et al.: Characterization of electrical conductivity in individual milk of cattle breeds reared in Alpine area	Bona, Daniela et al.: Advanced opportunities to develop a circular economy model for mountain livestock farming
15:45 – 16:15 Closing	Closing of the conference Matthias Gauly, Unibz	/
16:15 – 17:00 EAAP Working Group	Next conference Founding an EAAP Working group	
18.00 – 19.00 City Tour	City Walking Tour Bozen Meeting Point: 17.45 EURAC OR 18.00 Waltherplatz in the city centre	

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Friday 22.06.2018	
07:45 – 13:00 Excursion	Excursion to local farms Meeting Point: EURAC Research

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Posters:

Poster Nr.	Name of presenter	Title
Session: Mountain Dairy Breeding and Husbandry		
1	Krawczyk, Wojciech et al.	Characteristics of milk production in a mountain region using the example of the Malopolska Province
2	Krawczyk, Wojciech et al.	Effect of selected environmental parameters on udder health and cytological quality of milk from cows in a mountain region
3	Krawczyk, Wojciech et al.	The use of herbal mixtures for mastitis control in cattle raised in mountain areas
4	Segato, Severino et al.	Variation of lipid profile in Asiago PDO cheese during the alpine pasture
Session: Innovation and Marketing of Mountain Products		
5	Morán Lobato, Lara et al.	Effect of plant diversity of mountain pastures and sampling period on terpenoid profile of Idiazabal PDO cheese. A case study
6	Rainis, Simona et al.	Technical Assistance in Alpine Cheesemaker Huts of FVG (IT)
7	Rainis, Simona et al.	The production of Alpine Ricotta Cheese in FVG (Italy)
8	Chaupin, Marie-Thérèse	Mountain sheep farming: quality wool production and sustainable future
Session: Farm economics and succession in Mountain Livestock Farming		
9	Theodoridis, Alexandros et al.	Best observed practices in efficient farms: How Data Envelopment Analysis (DEA) can serve as an innovation identification tool
Session: Mountain farms in their social environment		
10	Krawczyk, Wojciech et al.	Cultural grazing of sheep in Polish part of Tatra Mountains - a case study
11	Ragkos, Athanasios et al.	Transhumance in Greece: Present and future
Session: Wildlife management in the mountains		
12	Miraglia, Nicoletta et al.	Estimation of the wild boar population (<i>Sus scrofa</i>) in the Regional Park "Taburno – Camposauro" (Benevento, Southern Italy Apennines) using the Pellet Count Group technic
Session: Mountain livestock product quality		
13	Segato, Severino et al.	Authentication of Asiago PDO cheese by using NIR spectroscopy
Session: Mountain Sheep and Goat Breeding and Husbandry		

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14	Tamburini, Alberto et al.	Milk flow parameters and milk quality in Bionda dell'Adamello dairy goats
15	Signer-Hasler, Heidi et al.	Runs of homozygosity and genomic inbreeding in local Swiss sheep breeds
Session: Other species: Poultry, Pigs, Horses		
16	Bondesan, Valerio et al.	Free-range organic pigs production with agroforestry system in low mountain Alpine valley: implications for environmental sustainability and animal welfare
Session: Grassland management and mountain pasture		
17	Florian, Claudia et al.	A method for a comprehensive analysis of grassland innovations
18	Krawczyk, Wojciech et al.	Effect of organic fertilizers on permanent grasslands in the Low Beskids – the Polish part of the Western Carpathians
19	Florian, Claudia et al.	Inno4Grass - Shared Innovation Space for Sustainable Productivity of Grasslands in Europe
Session: Mountain livestock and landscape biodiversity		
20	Krawczyk, Wojciech et al.	Consequences of the deagrarianization process in the mountain region of Bieszczady
Session: Mountain Livestock and Climate Change		
21	Vitalone, Lorenzo et al.	Changes of yield and forage quality of silage maize over the last 30 years in South Tyrol
22	Satyvaldiyeva, Nazira et al.	Collaborative strategies to integrate the traditional knowledge in pastoral resources conservation and increase the adaptive potential of the local population to climate change
Session: Free communications		
23	Rainis, Simona et al.	“MADE - Malga and Alm Desired Experience” - Interreg project ITA-AU 2014-2020



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Stadt Bozen



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