

15th Arctic Ungulate Conference, Jokkmokk, Sweden, 2019 - Tentative Program

Monday 12 August

09:00 09:30 Conference Opening

Session 1: Human - animal relations

09:30 10:15 Keynote lecture: David Anderson **Beyond wild and tame**

Coffee

10:45 12:00 **Oral pres:** Max Pospisil Towards a Cross-Cultural Ethics for Human-Caribou Engagement in North-Central Saskatchewan
 Päivi Soppela Domestication in Action – Multiple dimensions of using reindeer as a draught animal
 M van den Berg Defining the osteological markers of castration in reindeer bones for tracing reindeer domestication ..
 B Åhman The role of supplementary feeding in reindeer husbandry
 Annette Löf Supplementary feeding in Sami reindeer herding – an adaptation to climate change or ...

12:00 13:30 Lunch

Session 2A: Taxonomy and genetics

13:30 14:10 Keynote lecture: Knut Røed **Taxonomy and origin of reindeer and caribou, domestication and history of reindeer husbandry**
 14:15 14:45 **Oral pres:** Bart Peeters Population genetics and sea ice connectivity across the distribution range of Svalbard reindeer
 V.R. Kharzinoва Genetic variability of Russian domestic reindeer populations (*Rangifer tarandus*) ...

Session 2B: Predators and predation

14:15 14:45 **Oral pres:** Ilpo Kojola Large carnivores and calf production in semi-domesticated reindeer herds in Finland
 Vasilij Goncharov Impact of predators on domestic reindeer husbandry on the Taymyr Peninsula

14:45 15:05 Speedtalk presentations of posters of the day (10 posters)

Coffee & Poster session

16:00 16:45 **Oral pres:** Micheline Manseau A genomic refinement of A.W.F. Banfield's *Rangifer* classification for North America
 Vasilij Goncharov Relationship between wild and domestic reindeer populations in tundra and taiga
 S McFarlane Density estimates and breeding patterns in mountain and boreal caribou ...

16:00 17:00 **Oral pres:** A-J Pekkarinen Predation costs and compensations in Fennoscandian reindeer herding
 Jenny Mattisson Predation or scavenging? Reindeer body condition influences decision-making in the wolverine ...
 Zea Walton The cost of migratory prey ...
 Joëlle Taillon Backtracking wolves equipped with GPS collars: a novel approach to estimate winter predation ...

18:00 20:00 Reception at Ájtte Museum

Tuesday 13 August

Session 3: Populations, climate, pastures, nutrition

08:30	09:10	Keynote lecture: Chris Johnson	Theory to practice: Application of the declining- and small-population paradigms to the rapid decline and hoped-for recovery of caribou across Canada
09:10	09:40	Oral pres: Brage B. Hansen	Reduced extinction risk by worsening climate and increased harvest: the role of internal regulation ...
		Christine Cuyler	Catastrophic weather as principle suspect, if caribou abundance in central West Greenland crashes ...

Coffee

10:30	11:30	Oral pres: S Højlund Pedersen	The effect of snow characteristics on movement and foraging behaviors of Alaska caribou
		Katherine Parker	As Landscapes Change, So Do Foodscapes
		Larissa Beumer	Linking behavioural states of free-ranging muskoxen to environmental conditions

11:30 13:00 **Lunch**

Session 3A: Populations, climate, pastures, nutrition, physiology

13:00	14:00	Oral pres: Peter Aastrup	Do arctic and other ungulates postpone a greener Greenland?
		Tamara Hiltunen	Inter-annual variation and long-term changes in the winter diets of Svalbard reindeer ...
		Amélie Paoli	Response of reindeer breeding time to climatic variability in the Kutuharju herd, northern Finland
		Alina Evans	Seasonal hypometabolism in free-ranging moose

Session 4: Human-animal interactions

14:00	15:00	Oral pres: Manuela Panzacchi	Assessing the functionality of reindeer ranges, and the cumulative impact of anthropogenic activities
		S Plante (presented by Steve Côté)	Human disturbance effects on behavior and survival of migratory caribou ...
		Skarin Anna	Out of sight of wind turbines—Reindeer response to wind farms in operation

Session 3B: Knowledge and communication

13:00	14:30	Oral pres: Andrea Hanke	Moving East? Documented traditional knowledge from Kugluktuk and Ekaluktutiak ...
		Per Sandström	Creative solutions to describe the need for connectivity in reindeer pasture land
		Camilla Risvoll	Maps and stories in the creation of richer accounts of change in Pastoral Landscapes in Nordland County
		Kajsa Kuoljok	GPS tracking in husbandry – the value of knowledge
		Marianne Singsaas	Research projects as bridging organisations in nature management
		Mia Landauer	Matching knowledge demand, research funding and knowledge supply ...

15:00 15:25 Speedtalk presentations of posters of the day (12 posters)

Coffee & Poster session

16:30 17:00 **Oral pres:** Sindre Eftestøl Do reindeer avoid areas in-view of wind turbines?

Christian Fohringer Are reindeer the new canaries?

17:00 17:30 **Intro Wednesday excursion** Åsa Nordin Presentation on Laponia World Heritage

Practical information

Dinner

Wednesday 14 August

Excursion to Stora Sjöfallet (includes lunch and coffee)

Dinner

Thursday 15 August

Session 5: Historical land use, development of reindeer herding

08:30 09:10 **Keynote lecture:** Ingela Bergman Sami cultural landscapes

09:10 10:00 **Oral pres:** Sari Stark Centennial legacies of historical reindeer herding on tundra ecosystem processes in Staloluokta, Sweden
Kjell-Åke Aronsson Historical and climatical aspects on the development of reindeer herding in Fennoscandia
Malin Brännström Indigenous legal traditions as a part of sustainable decision making.

Coffee

Session 6A: Animal conservation and population demography

10:30 11:30 **Oral pres:** Timothy J. Fullman Li Migration patterns and fidelity in a partially-migratory caribou herd in Arctic Alaska
Milla Niemi Wild forest reindeer returns to its historical range - soft releases as the first step
Vincent Brodeur Post-calving photographic surveys of the George River Herd between 2010 and 2018
Mathilde Le Moullec A century of recovery from overharvest in a warming high Arctic

Session 6B: Reindeer herders day

10:30 10:40 **Opening the day** Annette Löf

10:40 11:00 **Introduction** Åsa Larsson Blind Forskning och framtid ur renskötselns perspektiv (Research and future from a reindeer herder)

11:00 12:00 **Interactive session**

11:30 13:00 **Lunch**

Continuing Session 6A: Animal conservation and population demography

13:00	14:50	Oral pres:	S.G. Þórisson	Reindeer hunting in Iceland – monitoring and management – a successful system?
			Taras Sipko	Restoration of reindeer in the Nizhny Novgorod region, Russia
			Rán Þórarinsdóttir	Explaining population dynamics in a small reindeer sub-herd in East Iceland 2002-2018
			I.M. Okhlopkov	Current status of wild reindeer (<i>Rangifer tarandus</i>) populations in the Eastern part of Russian Arctic
			Shirow Tatsuzawa	Instability and confluence of three reindeer populations in the eastern Siberia
			Christine Cuyler	Too many, or too few: Kangerlussuaq muskoxen in central West Greenland?
			Patricia E. Reynolds	Dynamics of groups in a population of muskoxen in northern Alaska, 1983-2006
			Jan Adamczewski	An exceptional demographic profile in an expanding muskox population in the Northwest Territories,

14:50 15:10 Speedtalk presentations of posters of the day (10 posters)

Coffee & Poster session

Continuing Session 6A: Animal conservation and population demography

16:00	17:00	Oral pres:	Vincent Brodeur	Monitoring and management of an expanding introduced muskox population in Northern Québec,
			E. Kirillin	Annual habitat use of reintroduced muskox in the eastern part of the Russian Arctic (Yakutia)
			A.J. Brodeur	Potential for competition between eastern migratory caribou and muskoxen in Nunavik
			Karen Marie Mathise	Moose forage availability and resource use in northern landscapes

Conference dinner

12:00 13:00 **Lunch**

13:00 17:00 Continuing Session 6B: Reindeer herders day - Interactive session

Friday 16 August

Session 7: Health and diseases

08:30 09:10 **Keynote lecture:** Susan Kutz Wildlife health and disease in a changing climate

09:10 10:00 **Oral pres:** Morten Tryland Infectious Disease Outbreak Associated with Supplement Feeding of Semi-Domesticated Reindeer
Sauli Laaksonen Transmission and distribution of emerging vector-borne filarial nematodes in Finnish cervids
Asgrim Opdal Chronic Wasting Disease (CWD) appearance - a threat to our livelihood

Coffee

10:30 11:30 **Oral pres:** Jørn Våge Chronic Wasting Disease in Norway: An update on surveillance, research and disease development
Mariella E. Güere Chronic wasting disease associated to prion protein (PRNP) gene variation in Norwegian wild reindeer
Marina Kholodova Different prevalence of prion protein genotype associated with resistance to CWD ...
Ulrika Rockström Improving herders' competence regarding reindeer health and diseases ...

11:30 **Closing the conference**

Lunch
