PROGRAMME OF 10th CIRCUMPOLAR AGRICULTURE CONFERENCE

13 – 15 March 2019
Rovaniemi, Finland

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PROGRAMME OF
10th CIRCUMPOLAR AGRICULTURE CONFERENCE

WEDNESDAY, 13 MARCH 2019

08:00 - REGISTRATION AND WELCOMING COFFEE

09:00 - 09:30

POLARIUM
OPENING
Mikko Peltonen  Ministry of Agriculture and Forestry
Timo Koivurova  Arctic Centre, University of Lapland
Päivi Soppela  Circumpolar Agricultural Association

09:30 - 10:30

POLARIUM
KEYNOTE SPEECHES
Chair: Päivi Soppela

09:30 - 10:00
Hilkka Vihinen:  Local agriculture and vital rural areas

10:00 - 10:30
David Natcher:  Constraints to the adoption of agricultural technologies in northern regions of Canada

10:30 - 11:30

POLARIUM
SESSION 1. WHAT’S UP IN ARCTIC AGRICULTURE
Chair: Antti Hannukkala

10:30 - 10:50
Debasmita Misra:  An overview of current state of growing food in Alaska

10:50 - 11:10
Daria Sidorova:  The food security of Russian Arctic cities as an integral part of their sustainable development

11:10 - 11:30
Jaana Sorvali:  Finnish farmer’s climate change views - threats and possibilities for future agriculture

11:30 - 11:40
GROUP PHOTO

11:40 - 12:30
LUNCH  AURORA

12:30 - 13:30

POLARIUM
KEYNOTE SPEECHES
Chair: Antti Hannukkala

12:30 - 13:00
Uliana Vinokurova:  Nomads: Outcasts or masters? Legitimation of the nomadic lifestyle in the Republic of Sakha (Yakutia)

13:00 - 13:30
Anne Ollila:  Economical aspects, possibilities and challenges of reindeer herding in Finnish Lapland
**PROGRAMME OF 10th CIRCUmpOLAR AGRICULTURE CONFERENCE**

**WEDNESDAY, 13 MARCH 2019**

**PARALLEL SESSIONS IN DIFFERENT HALLS**

**POLARIUM**


*Chair: Hilkka Vihinen*


13:55 - 14:15  Anne-Maj Gustavsson: Can we grow barley in the north?

14:15 - 14:35  Raygan Solotki: Community greenhouses in the high Arctic - producing food north of 66 degrees

14:35 - 14:55  M.P.M Nair: Global village Gardener for the North: Year round sustainable indoor gardening for the circumpolar region

14:55 - 15:15  Jesper Overgård Lehmann: Greenlandic agriculture facing climate change: Challenges and opportunities

**AURORA**

13:35 - 15:15  **SESSION 3. LOOKING TO THE PAST FOR FUTURE: NORTHERN NATIVE BREEDS OF DOMESTICATED ANIMAL SPECIES**

*Chair: Juha Kantanen*

13:35 - 13:55  Mervi Honkatukia: NordGen’s conservation project of the Nordic Dark Bee: From evaluation to selective breeding

13:55 - 14:15  Juha Kantanen: Whole genome resequencing of northern Eurasian native cattle breeds

14:15 - 14:35  Päivi Soppela: The Northern Finncattle – the cow that almost disappeared. Arctic adaptation, folk strategies and state politics

14:35 - 14:55  Anna Stammler-Gossmann: Animal’s social life: Decline and revival of the Arctic cow

14:55 - 15:15  Nuccio Mazzullo: “Cows as reindeer”- an interdisciplinary account of human-animal adaptation to the Arctic North
**PROGRAMME OF 10th CIRCUMPOLAR AGRICULTURE CONFERENCE**

**WEDNESDAY, 13 MARCH 2019**

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<td>13:35 - 15:15</td>
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<td>13:35 - 13:55</td>
<td><strong>SESSION 4.  BEST PRACTICES AND APPLICATIONS IN LOCAL FOOD SYSTEMS</strong></td>
<td>Kirsi Korhonen: Local food and consumers' buying groups: the case of food circles in Oulu Region</td>
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<td>Dele Raheem: Future possibilities for food digitalization in Finnish Lapland</td>
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<td>14:15 - 14:35</td>
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<td>Derrick Hastings: Farming as a form of healing</td>
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<td>Karin Kettler: Pirursiivik project: Greenhouse &amp; social arts in Inukjuak, Nunavik</td>
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<td>14:55 - 15:15</td>
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<td>Debasmita Misra: Utilizing locally grown biomass for school heat, remote electricity and year round growing at -50C</td>
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<td>15:15 - 16:15</td>
<td><strong>COFFEE AND POSTER SESSION</strong></td>
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**PARALLEL SESSIONS IN DIFFERENT HALLS**

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<td>16:15 - 16:35</td>
<td><strong>SESSION 5: CLIMATE CHANGE AND LAND USE – IMPLICATIONS FOR ARCTIC AGRICULTURE</strong></td>
<td>Ingeborg Menzler-Hokkanen: Arctic entomology under climate change: Implications for agriculture in the North</td>
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<td>16:35 - 16:55</td>
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<td>Anna Omazic: The northern expansion of ticks in Sweden – increased risk for animal and human health</td>
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<td>16:55 - 17:15</td>
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<td>Antti Hannukkala: Climate change-driven dramatic increase in perennial forage yields at Rovaniemi in 1980-2017</td>
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<td>17:15 - 17:35</td>
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<td>Kirsi-Marja Korhonen: Inclusive land use planning in Finland</td>
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<td>17:35 - 17:55</td>
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<td>Peter Aastrup: New opportunities in southern Greenland call for integrated planning for securing sustainability</td>
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WEDNESDAY, 13 MARCH 2019

AURORA

16:15 - 18:00  SESSION 6. REINDEER HERDING AS A MEANS OF LIVELIHOOD - PRECONDITIONS AND APPLICATIONS

Chair: Marja Anttonen

16:15 - 16:35  Melak Weldenegodguad: Sequencing of reindeer (Rangifer tarandus) genomes: Insights into evolution, domestication and adaptation

16:35 - 16:55  Kirsi Muuttoranta: My way, your way, best way – how to collect and spread the best practices among reindeer herders

16:55 - 17:15  Grete Jørgensen: Testing a new electronic warning system to prevent collisions between cars and farmed reindeer

17:15 - 17:35  Panu Itkonen: Reindeer ownership among the Skolt Sami

17:35 - 17:55  Jean Hatcherson: Tourism, representation and compensation among Dukha reindeer herders in Mongolia

19:30 - 20:30  GET-TOGETHER, EVENING RECEPTION HOSTED BY THE CITY OF ROVANIEMI, CITY HALL, HALLITUSKATU 7

+ SIDE-EVENT: ARCTIC DELI MARKET
8:00 - 18:00, ON WEDNESDAY ONLY
THURSDAY, 14 MARCH 2019

08:00 - REGISTRATION

09:00 - 10:00 KEYNOTE SPEECHES

Chair: Jussi Soppela

09:00 - 09:30 Inger Martinussen: Agroforestry and non-wood forest products

09:30 - 10:00 Margrét Geirsdóttir: How research can stimulate product development

10:00 - 11:40 SESSIONS 7. ARCTIC FOODS, THEIR PROFITABILITY AND BUSINESS OPPORTUNITIES

Chair: Rainer Peltola

10:00 - 10:20 Tor Jacob Johansen: Arctic quality - the effect of high latitude growth conditions on quality of food products

10:20 - 10:40 Inger Hansen: Success factors ensuring good animal welfare in Arctic beef production

10:40 - 11:00 Thorgrímir Einar Guðbjartsson: Dairy agro tourism based on the Icelandic breed of cattle

11:00 - 11:20 Hilde Halland: Value chain perspective to increase production of cereals in the Northern Periphery Region

11:20 - 11:40 Adrian Unc: Time for a boreal agricultural research network to ensure sustainable development of an emerging agri-food sector in the North

11:40 - 12:30 LUNCH AURORA

12:30 - 13:20 KEYNOTE SPEECHES

Chair: Päivi Soppela

12:30 - 13:00 Lena Maria Nilsson: Food security in Northernmost Sweden from a Sami cultural perspective

13:00 - 13:20 Randy Lewis: The Evolution of Circumpolar Agriculture: 1st to 10th Conference - Past, Present & Future
THURSDAY, 14 MARCH 2019

PARALLEL SESSIONS IN DIFFERENT HALLS

POLARIUM

13:20 - 15:00

SESSION 8. ARCTIC FOOD SECURITY AND SUSTAINABILITY

Chair: David Natcher


13:40 - 14:00 Suzanne Crocker: First we eat: Food security north of 60

14:00 - 14:20 Byron Beardy: Four Arrows Regional Health Authority Inc. - Indigenous Food sovereignty and indigenous language: Language is health

14:20 - 14:40 Mary Cheney: Focus on food security, sustainability, local agriculture, local foods as a tourist attraction

14:40 - 15:00 Randy Lamb: Local food strategy for Yukon, Canada

AURORA

13:20 - 15:00

SESSION 9. ARCTIC BIOECONOMY AND TECHNICAL INNOVATIONS

Chair: Virpi Alenius

13:20 - 13:40 Sirpa Kurppa: Transition to green, sustainable and competitive bio-economy in arctic villages

13:40 - 14:00 Satu Ervasti: Co-substrates to farm-scale biogas plant

14:00 - 14:20 Marit Jørgensen: Prospects of using remote sensing for monitoring forage production in northern Norway

14:20 - 14:40 Oiva Niemeläinen: Suggestion for a remote sensing based monitoring of grassland growth on the Circumpolar area

14:40 - 15:00 Heidi Rader: How a mobile app is changing the way we conduct variety trials
THURSDAY, 14 MARCH 2019

15:00 - 16:00  POSTER SESSION AND COFFEE

16:00 - 17:15  POLARIUM
   PANEL DISCUSSION ARCTIC FOODS: VOICES AND EXPERIENCES GETTING TOGETHER AND WRAP-UP
   Chair: Markku Heikkilä

17:15 - 17:30  CLOSING AND REFRESHMENTS

17:30 - 18:00  POLARIUM
   GENERAL ASSEMBLY OF THE CIRCUMPOLAR AGRICULTURAL ASSOCIATION
   Open to all conference participants

19:30 - 20:00  EXHIBITIONS IN KORUNDI, ROVANIEMI ART MUSEUM, LAPINKÄVIJÄNTIE 4
   FOR EXAMPLE; PLACE OF ORIGIN - CONTEMPORARY ALASKA NATIVE ART. FREE ENTRANCE.

20:00 -  CONFERENCE DINNER IN KORUNDI, ROVANIEMI ART MUSEUM, LAPINKÄVIJÄNTIE 4