

NJF's 23rd
Congress

June 26-29, 2007
Copenhagen


Trends and Perspectives in Agriculture

Congress Programme



Dear Colleagues

It is a pleasure for me to present the programme of the 23rd NJF congress, which is held on 26-29 June 2007 at University of Copenhagen, Faculty of Life Sciences (KULIFE) in the wonderful city of Copenhagen. This is a major event for Nordic and Baltic agriculture and horticulture with participants from all over Europe. The main theme of the congress is trends and perspectives in agriculture. The congress comprises both keynote presentations in plenum and parallel sessions on themes very topical to the future development of agriculture. I also urge you to participate in the closing session of the congress, where the future of research and education in agriculture will be discussed in a plenum debate.



Jørgen E. Olesen
Vicepresident of NJF

Venue

The congress will take place at University of Copenhagen, Faculty of Life Sciences, Thorvaldsensvej 40, 1870 Frederiksberg C
Opening ceremony will take place at Copenhagen Business School, Solbjerg Plads 3, 2000 Frederiksberg



Timetable

Tuesday 26 June

- 12.00 - 18.00 Pre-congress tour:
Facilities at Faculty of Life Sciences, Højbakkegaard
- 18.00 - 20.00 Registration and drinks at Faculty of Life Sciences,
Thorvaldsensvej 40, Frederiksberg

Wednesday, 27 June

Please note that Congress starts at Copenhagen Business School, Solbjerg Plads 3,
2000 Frederiksberg, 8.30 – 12.15

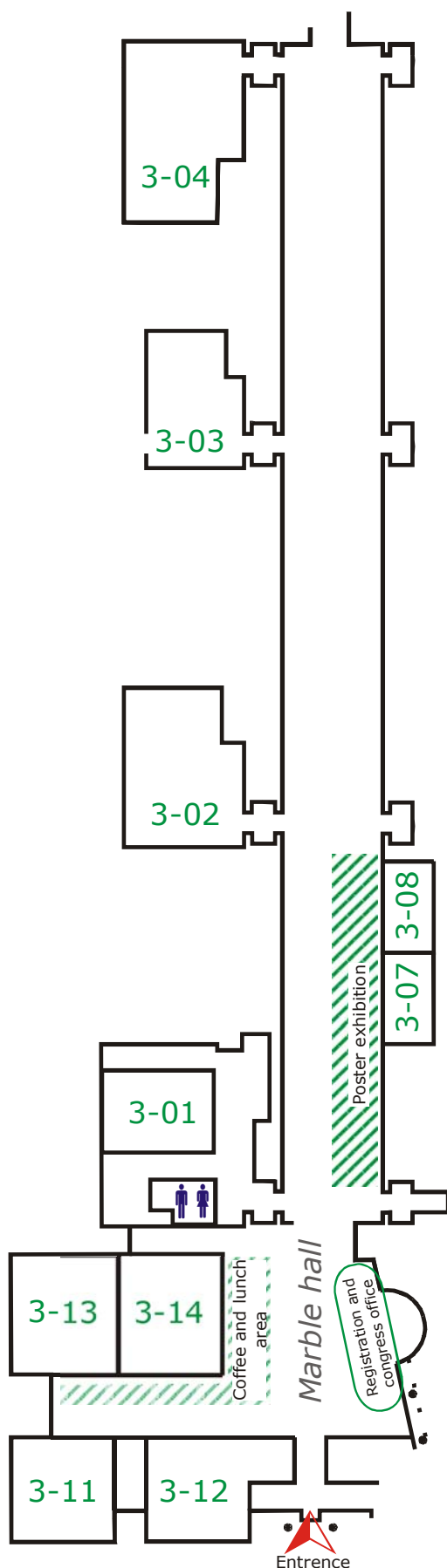
- 08.30 - 09.30 Registration
- 09.30 - 10.00 Congress opening
Peter Gæmelke, President of the Danish Agricultural Council
Per Holten-Andersen, Dean of KU-LIFE
Sveinn Aðalsteinsson, President of NJF
- 10.00 - 10.35 Toward Global Free Trade: Multilateralism and the Spread
of Regionalism
Søren Frandsen, University of Copenhagen
- 10.35 - 11.05 Coffee
- 11.05 - 12.15 Trends in technological innovation - ICT.
Karel Charvat, President of EFITA
Reducing environmental loads from agriculture - multiple benefits
Oene Oenema, Wageningen Agricultural University
- 12.15 - 12.30 Walk to Faculty of Life Sciences, Thorvaldsensvej 40
- 12.30 - 13.30 Lunch
- 13.30 - 16.30 Congress sessions**
- 16.30 - 17.30 NJF Section meetings
- 19.00 - 21.00 Reception at Copenhagen town hall

Thursday, 28 June

- 08.30 - 11.30 Congress sessions**
- 11.30 - 12.30 Lunch
- 12.30 - 14.30 Poster session
- 14.30 - 17.30 Congress sessions**
- 19.00 Departure for Congress dinner
- 20.00 Congress dinner at Langelinie

Friday, 29 June

- 08.30 - 11.30 Congress sessions**
- 11.45 - 13.00 Closing session
The role of research in society
Søren A. Mikkelsen, University of Aarhus
Panel discussion on research and education
(poster awards, new president, next congress)
- 13.00 - 14.00 Lunch



Congress sponsors



– dit naturlige valg

JA is the Association of graduates (BSc and MSc) in Agricultural Science, Agri-economics, Horticulture, Forestry, Bio-technology, Natural Resources and Landscape Architecture
www.jordbrugsakademikerne.dk



Danish Pig Production

We are an expert organisation for the Danish pig producers.

We are responsible for the national research and development tasks relating to the live pig and for the presentation of the acquired knowledge.

www.danishpigproduction.dk

Organizing committee

Jørgen E. Olesen, Chair, NJF section II

Lars Munkholm, NJF section I

Ole Callesen, NJF section III

Jens G. Hansen, NJF section IV

Torben Hvelplund, NJF section V

Krister Persson, NJF section VII

Mogens Lund, NJF section IX

Torben Ulf Larsen, NJF section X

Rita Bundgaard, NJF secretary

Margit Schacht, secretary

Birgit Sørensen, secretary

Outline of the programme for the 23rd NJF Congress 2007

Theme	27/6	28/6	28/6	29/6
	A	M	A	M
	Room No.			
1. Nordic agriculture in globalised markets		3-03	3-03	
2. Farm management	3-13	3-13		
3. Entrepreneurship and rural development			3-11	
4+5. Precision Technologies and Livestock Farming	3-14		3-13	3-13
6. Water resource management		3-14	3-14	3-14
7. Soil resource management	3-12	3-04		
8. Agriculture and the Kyoto targets	3-03			3-03
9. Trends in horticulture		3-12	3-12	3-12
10. Challenges and limitations in organic farming	3-01	3-01	3-01	
11. Forecasting and controlling crop pests and diseases	3-11	3-11		3-11
12. Quality and safety in the food chain		3-02	3-02	3-02

A = Afternoon, M = Morning

NJF Section meetings on Wednesday, 27 June, 16.30 – 17.30

NJF Section	Room no.
Soil, Water and Environment (I)	3-01
Crop Science (II)	3-02
Horticulture and Landscape (III)	3-07
Plant Protection (IV)	3-08
Animal Science (V)	3-11
Engineering (VII)	3-12
Agricultural Economics (IX)	3-13
Education and Extension (X)	3-14

Closing session on Friday, 29 June in room 3-01

Panel discussion, participants:

- Vice Dean, Søren A. Mikkelsen, Faculty of Agricultural Sciences, University of Aarhus, Denmark
- Pro-dean of research, Torben Greve, Faculty of Life Sciences, University of Copenhagen, Denmark
- Dean Jukka Kola, University of Helsinki, Finland
- Director Erkki Kemppainen, Agrifood Research Finland
- Associate dean, Erik Fahlbeck, Faculty of Natural Resources and Agricultural Sciences, SLU, Sweden
- Director of research, Nils Vagstad, Bioforsk, Norway
- Professor Baiba Rivza, Latvia

Programme

Theme 1. Session 1. Nordic agriculture in globalised markets

Thursday 28 June, morning, room 3-03

Theme leader, Mogens Lund / Chair, Mogens Lund

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|-------------|--|
| 08.30-09.00 | The role of CAP support for development of the agricultural sector and competitiveness of food products: some comparisons among EU countries, <i>Danute Jasjko</i> |
| 09.00-09.15 | The Effects of Agricultural Reform and Alternative Economic Theory: Policy, Expectations and Land Prices, <i>Jens Hansen, Marie Skovager Jensen, Niels Kærgaard & Henrik Zobbe</i> |
| 09.15-09.30 | A Modelling Tool for Assessing the Impacts of Policy Reform on the Value of Agricultural Landscapes, <i>Mark Brady, Konrad Kellermann & Christoph Sahrbacher</i> |
| 09.30-10.00 | <i>Coffee and tea</i> |
| 10.00-10.15 | Modelling Agricultural Domestic Support in China: Some Illustrated Scenarios on Its Future Development, <i>Wusheng Yu & Hans G. Jensen</i> |
| 10.15-10.30 | Welfare and trade effects of a food safety measure – a gravity analysis, <i>Jyrki Niemi, Jukka Peltola & Antti Simola</i> |
| 10.30-10.45 | Do agricultural measures respond to policy measures? <i>Kyösti Arovuori</i> |
| 10.45-11.00 | Fiscal Federalism, Subsidiarity and the Common Agricultural Policy: A qualitative assessment, <i>Marie Skovsager Jensen & Henrik Zobbe</i> |
| 11.00-11.30 | <i>Discussions</i> |
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Theme 1. Session 2. Nordic agriculture in globalised markets

Thursday 28 June, afternoon, room 3-03

Theme leader, Mogens Lund / Chair, Jørgen Dejgaard Jensen, Denmark

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|-------------|---|
| 14.30-15.00 | The Nordic Agri-Food System Integrates into the Global Trends, <i>Kyösti Pietola</i> |
| 15.00-15.15 | Dynamic Relationships Among Danish Meat Markets: The Case of Price and Quantity Shocks, <i>Lill Andersen, Ronald A. Babula, Helene Hartmann & Martin M. Rasmussen</i> |
| 15.15-15.30 | Effects of an animal disease shock on meat prices and producer income, <i>Jarrkko Niemi, Heikki Lehtonen & Kyösti Pietola</i> |
| 15.30-16.00 | <i>Coffee and tea</i> |
| 16.00-16.15 | Asymmetric transmission of price information between the pork market of Finland and Germany, <i>Kati Jalonoja, Xing Liu & Kyösti Pietola</i> |
| 16.15-16.30 | Impact of global ethanol market on EU: Testing for cointegration and causality among EU, USA and Brazil, <i>Xing Liu</i> |
| 16.30-16.45 | Modelling the linkage between primary agriculture and the food industry in Norway, <i>Klaus Mitterzwei & Ivar Gaasland</i> |
| 16.45-17.00 | Adapting to biotechnology – The use of Technology Assessment in a Chain Perspective, <i>Anders Larsen & Søren Marcus Pedersen</i> |
| 17.00-17.30 | <i>Discussions</i> |
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Theme 2. Session 1. Farm management

Wednesday 27 June, afternoon, room 3-13

Theme leader, Torben Ulf Larsen / Chair, Torben Ulf Larsen

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|-------------|--|
| 13.30-14.30 | Advising services of the future – for "business" farmers, <i>Hans Peter Bay</i> |
| 14.30-15.00 | <i>Coffee and tea</i> |
| 15.00-15.25 | Strategic decision-making, <i>Markus Oskarson, Helena Johansson & Bo Öhlmer</i> |
| 15.25-15.45 | Evaluating competitiveness of farms in Finland, <i>Pirjo Jokipii</i> |
| 15.45-16.05 | Financial risks and factors affecting them on Finnish farms, <i>Perttu Pyykönen, Tapani Yrjölä & Arto Latukka</i> |
| 16.05-16.30 | Economic evaluation of the use of action plans and Balanced Scorecards in dairy farming, <i>Mogens Lund & Jakob Vesterlund Olsen</i> |
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Posters

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|------|--|
| T2-1 | Growth regulation possibility during autumn of oil-seed rape (<i>Brassica napus</i> L.) in Latvia, <i>Oskars Balodis</i> |
| T2-2 | Evaluation of easy-to-clean floor materials in farm conditions, <i>Maarit Puumala, Riitta Mahlberg, Liisa Salparanta, Hanna-Riitta Kymäläinen, Jenni Määttä, Risto Kuisma & Anna-Maija Sjöberg</i> |
| T2-3 | Silage losses, <i>Johanne Lindstrøm & Ole Green</i> |
| T2-4 | Utilisation of visionary management in farm enterprises - an advanced strategic thinking perspective, <i>Pasi Rikkonen</i> |
| T2-5 | TTS-Manager - Tool for the labour Time Planning on Farms, <i>Eerikki Kaila & Veli-Matti Tuure</i> |
| T2-6 | Forage maize production requires a good phosphorus management, <i>Henning Høgh Jensen, Gitte Rubæk & Martin Mikkelsen</i> |
| T2-7 | Outsourcing of farm work and inter-farm co-operation in Finnish agricultural enterprises, <i>Janne Karttunen & Leena Rantamäki Lahtinen</i> |
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Theme 2. Session 2. Farm management

Thursday 28 June, morning, room 3-13

Theme leader, Torben Ulf Larsen / Chair, Kari Moxness, Norway

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|-------------|--|
| 08.30-09.30 | Strategic farm management and the transition toward sustainable agricultural food production, <i>Jan Willem van der Schans</i> |
| 09.30-10.00 | <i>Coffee and tea</i> |
| 10.00-10.25 | Integrated Advice in order to balance environmental and productional goals at farm and at catchment level, <i>Irene Wiborg</i> |
| 10.25-10.45 | Joint farmers – who are they and how do they transform their style of farming? <i>Egil Petter Stræte & Bjørn Egil Flø</i> |
| 10.45-11.10 | Improving cost efficiency on Finnish farms, <i>Sami Ovaska, Timo Sipiläinen & Matti Ryhänen</i> |
| 11.10-11.30 | Fur farming families facing vandalism, <i>Katri Karkinen</i> |
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Posters

Please see list of posters under Theme 2, Session 1

Theme 3. Session 1. Entrepreneurship and rural development

Thursday 28 June, afternoon, room 3-11

Theme leader, Jens Ole Thøgersen / Chair, Jens Ole Thøgersen

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- 13.30-13.50 Entrepreneurship and rural development – and agriculture,
Jan Kjær Madsen
- 13.50-14.05 Strategic alliances in the marketing of on-farm processed food products,
Richard Ferguson & Christer Olofsson
- 14.05-14.20 Innovative business concepts of farm related enterprises,
Päivi Kujala & Matti Ylätaalo
- 14.20-14.30 *Discussion*
- 15.30-16.00 *Coffee and tea*
- 16.00-16.30 Potentials for entrepreneurship in agriculture to contribute to rural de-
velopment, *Cecilia Waldenström*
- 16.30-16.50 Entrepreneurial efforts in the farm sector: Investigating two examples
of farm entrepreneurship in Norway, *Jorunn Grande*
- 16.50-17.10 Entrepreneurial orientation and performance at Norwegian farms,
Jorunn Grande, Einar Lier Madsen & Odd Jarl Borch
- 17.10-17.30 *Discussion*
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Posters

- T3-1 Research gaps in studies on the establishment and management of policies for
multifunctional agriculture, *Johan Sumelius & Stefan Bäckman*
- T3-2 A novel technology for the processing of wet preserved natural fibre plants
from agriculture, *Ralf Pecenka, Christian Füll, Christine Idler, Ljubomir Ra-
dosavljevic & Philipp Grundmann*
- T3-3 Labour market development in Latvia, *Gundega Stradina*
- T3-4 Link between regional higher education institutions and rural development,
Gunita Mazure, Dace Viksne & Irina Pilver
- T3-5 Framework of Latvian higher education qualification entering the Common EU
education area, *Aina Brige, Dace Viksne & Baiba Rivza*
- T3-6 The development of micro-credit network in Latvia basing on Nordic experi-
ence, *Baiba Rivza, Veronika Bikse & Elina Konstantinova*
- T3-7 Development of ICT as economy promoting factor in regions of Latvia,
Peteris Rivza, Kopeika Evija & Ramute Liga
- T3-8 Management of education in agriculture and rural development in Lithuania,
Algirdas Radzevicius & Linas Stabingis
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Theme 4+5. Session 1. Precision Technologies and Livestock Farming
Wednesday 27 June, afternoon, room 3-14

Theme leader, Svend Christensen / Chair, Svend Christensen

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| 13.30-14.00 | ICT – a key driver for Precision Farming, <i>Svend Christensen, Ivar Thyssen, Claus G. Sørensen, Frank Oudshoorn, Esmaeil Nadim & Ole Green</i> |
| 14.00-14.15 | The need and design of computerized farm management tools - Lessons learned from a Swedish case, <i>Bo Ohlmé</i> |
| 14.15-14.30 | Concept of user centered information management system in plant production, <i>Liisa Pesonen, Piia Nurkka, Leena Norros, Jere Kaivosoja & Timo Mattila</i> |
| 14.30-15.00 | <i>Coffee and tea</i> |
| 15.00-15.15 | On relevance and user friendliness of ICT applications for farmers - exemplified by a decision support system for irrigation, <i>Iver Thyssen</i> |
| 15.15-15.30 | Robotic Crop Establishment Monitoring and Control System, <i>Hans Griepentrog</i> |
| 15.30-15.45 | Usability evaluation of agricultural electronics, <i>Hannu Haapala</i> |
| 15.45-16.00 | ICT for supply chains of fruits and vegetables, <i>Allan Leck Jensen & Iver Thyssen</i> |
| 16.00-16.15 | Double sensor approach to crop monitoring, <i>Anton G. Thomsen & Kirsten Schelde</i> |
| 16.15-16.30 | <i>Discussion</i> |
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Posters

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| T4/5-1 | Evaluation of site-specific fertilization approaches, <i>Kirsten Schelde, Anton Thomsen, Svend Elsnab Olesen & Rita Hørfarter</i> |
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Theme 4+5. Session 2. Precision Technologies and Livestock Farming
Thursday 28 June, afternoon, room 3-13

Theme leader, Christian Børsting / Chair, Christian Børsting

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- 14.30-15.00 New opportunities in Monitoring, Early Diagnostics and Prevention for Precision Management of Individual Dairy Cows, *Klaus Lønne Ingvarsen, Nicolas C. Friggens & Christine M. Røntved*
- 15.00-15.15 Proactive management - test farms with in-line milk analysis, *Lars Arne Hjort Nielsen & Marie-Louise Ancker*
- 15.15-15.30 *Discussions*
- 15.30-16.00 *Coffee and tea*
- 16.00-16.15 Feeding strategies based on weight changes in dairy cows, *Dorte Bossen & Martin Weisbjerg*
- 16.15-16.30 Automatic data acquisition from feed mixer wagons in dairy production, *Ulrik Toftegaard Jensen, Ole Green, Johanne Lindstrøm & Carl Høj Laur- sen*
- 16.30-16.45 An autonomous mobile robot for feeding outdoor pigs, *Bent Hindrup Andersen, Erik Fløjgaard Kristensen, Helle Frank Jensen & Alastair Pers- son*
- 16.45-17.00 Returns to multi-phase feeding in pig fattening, *Jarkko K. Niemi, Kyösti Pietola & Marja-Liisa Sevón-Aimonen*
- 17.00-17.30 *Discussions*
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Posters

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- T4/5-2 Distribution of particle size in manure from cattle – barn sieving technique, *Peder Nørgaard, Elisabet Nadeau & Maria Nordquist*
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Theme 4+5. Session 3. Precision Technologies and Livestock Farming
Friday 29 June, morning, room 3-13

Theme leader, Christian Børsting / Chair, Christian Børsting

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| 08.30-09.00 | Automated collection of health and behaviour data as a tool for welfare monitoring and improvement, <i>Christoph Winckler</i> |
| 09.00-09.15 | RSSI Based Indoor Tracking of Cows in Loose House Systems, <i>Frede Aakmann Tøgersen, Flemming Skjøth & Lene Munksgaard</i> |
| 09.15-09.30 | Automatic detection of oestrus and health disorders using data from Electronic Sow Feeders, <i>Cécile Cornouet, Jens Vinther & Anders Ringgaard Kristensen</i> |
| 09.30-10.00 | <i>Coffee and tea</i> |
| 10.00-10.15 | Classifying sows' activity types from acceleration patterns using a Multi-Process Kalman Filter, <i>Cécile Cornou & Søren Lundbye-Christensen</i> |
| 10.15-10.30 | Weight estimation for pigs via image analysis, <i>Erik Jørgensen</i> |
| 10.30-10.45 | Adaptability of milking clusters to different udder formations in different milking systems, <i>Sandra Rose, Morten Dam Rasmussen & Reiner Brunsch</i> |
| 10.45-11.30 | <i>Discussions</i> |
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Theme 6. Session 1. Water resource management
Thursday 28 June, morning, room 3-14

Theme leader, Finn Plauborg / Chair, Liisa Pietola, Finland

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| 08.30-09.00 | Water Resources Management and the WFD – where are we now? <i>Merete Styczen</i> |
| 09.00-09.15 | The situation of water shortage and waste water re-use in Beijing - The background of EC-FP-6 cooperative project SAFIR, <i>Finn Plauborg</i> |
| 09.15-09.30 | <i>Discussions</i> |
| 09.30-10.00 | <i>Coffee and tea</i> |
| 10.00-10.15 | Landscape scale assessment of farm Nitrogen losses, <i>Tommy Dalgard, Nick Hutchings, Chris Kjeldsen, Margit S. Jørgensen & Bo V. Iversen</i> |
| 10.15-10.30 | Uncertainty in model simulated N balances, <i>Christen Duus Børgensen & Uffe Jørgensen</i> |
| 10.30-10.45 | Evaluation of the DRAINMOD-N model under cold conditions, <i>Osvaldo Salazar, Ingrid Wesströma & Abraham Joel</i> |
| 10.45-11.00 | Soil and nutrient loss according to tillage practise on winter cereals, <i>Heidi Grønsten, Lillian Øygarden & Rut M. Skjævdal</i> |
| 11.00-11.15 | <i>Overview of poster presentations</i> |
| 11.15-11.30 | <i>Discussions</i> |
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Posters

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| T6-1 | Food crop production with reclaimed waters, <i>Finn Plauborg, Mathias N. Andersen, Adriano Battilani, Christian R. Jensen, Ragab Ragab, Wolfram Klopmann, Tony Fletcher, Søren M. Pedersen, Merete Stychsen, Georgios Psarras, Michele Steiner, Franciszek Janowiak, Radmila Stikic, Guitong Li, Xuebin Qi, Avi Schweitzer, Luca Sandei & Martin Andersen</i> |
| T6-2 | Groundwater protection through organic farming, <i>Merete Styczen, Robert N. Poulsen, Jacob Gudbjerg & Birgitte Gjettermann</i> |
| T6-3 | Management of fertilisation in crop production and nitrate content in groundwater, <i>Sigitas Lazauskas, Vytas Mašauskas, Šarunas Antanaitis & Audrone Mašauskiene</i> |
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Theme 6. Session 2. Water resource management

Thursday 28 June, afternoon, room 3-14

Theme leader, Finn Plauborg / Chair, Finn Plauborg

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- 14.30-15.00 Trends in water quantity and quality in Danish freshwater systems: impacts of anthropogenic pressures, *Brian Kronvang, Hans E. Andersen, Niels B. Ovesen, Jens Bøgestrand & Søren E. Larsen*
- 15.00-15.15 Leaching and crop off-take, *Jens Petersen & Jørgen Djurhuus*
- 15.15-15.30 *Discussion*
- 15.30-16.00 *Coffee and tea*
- 16.00-16.15 Time series analysis with applications to water pollution with nitrogen at nitrate vulnerable zones in Latvia, *Laima Berzina & Ritvars Sudars*
- 16.15-16.30 A nitrogen index for assessing agricultural non-point source nitrogen pollution risk, *Sigrun H. Kværnø, Hans Olav Eggestad & Marianne Bechmann*
- 16.30-16.45 Catch cropping under Norwegian conditions, *Trond M. Henriksen, Ragnar Eltun, Tori Fjeld, Ievina Sturite & Bjørn Molteberg*
- 16.45-17.00 *Discussions*
- 17.00-17.15 *Overview of poster presentations*
- 17.15-17.30 *Discussions*
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Posters

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- T6-4 Efficiency of 12 constructed wetlands in southern Norway for Phosphorus retention, *Atle Hauge*
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Theme 6. Session 3. Water resource management

Friday 29 June, morning, room 3-14

Theme leader, Finn Plauborg / Chair, Toomas Tamm, Estonia

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- 08.30-08.45 Economic feasibility of drip and fertigation systems in Europe, *Søren Marcus Pedersen & Per Abrahamsen*
- 08.45-09.00 Drip irrigation increases marketable yield and water use efficiency of potatoes, *Finn Plauborg, Mathias N. Andersen, Bo V. Iversen, Poul Erik Lærke, Tove Heidmann, Ali Shahnazari & Fulai Liu*
- 09.00-09.15 Agriculture Water Management Modelling and Experimental results, *Bassel Haj Najib, J. Mania, A.Zaoui & R.Ragab*
- 09.15-09.30 *Discussions*
- 09.30-10.00 *Coffee and tea*
- 10.00-10.15 Tensiometer-based irrigation scheduling in the strawberry and pickling cu-cumber cultivation, *Kalle Hoppula, Terhi Suojala-Ahlfors & Tapio Salo*
- 10.15-10.30 *Discussions*
- 10.30-10.45 *Overview of poster presentations*
- 10.45-11.00 *Discussions*
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Theme 7. Session 1. Soil resource management

Wednesday 27 June, afternoon, room 3-12

Theme leader, Lars Munkholm / Chair, Svein Skøein. Norway

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| 13.30-14.10 | The EU Thematic Strategy for Soil Protection, <i>Winfried E.H. Blum</i> |
| 14.10-14.30 | Decline of soil organic matter content under arable cropping in SE Norway, <i>Hugh Riley</i> |
| 14.30-15.00 | <i>Coffee and tea</i> |
| 15.00-15.20 | The soil C content and soil quality parameters after waste compost fertilization, <i>Tina Tontti & Ansa Palojärvi</i> |
| 15.20-15.40 | Runoff and soil loss responses to rainfall, land uses, terraces and management practices in Middle mountain of Nepal, <i>Krishna Tiwari</i> |
| 15.40-16.00 | Transport mechanisms for glyphosat in soil as affected by surface structure, <i>Birgitte Gjettermann, Carsten T. Petersen, Chr. Bender Kocha, & Merete Styczen</i> |
| 16.00-16.15 | <i>Overview of poster presentations</i> |
| 16.15-16.30 | <i>Discussion</i> |
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Posters

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| T7-1 | NPK balance studies for selected farms of Latvia, <i>Inara Lipenite & Aldis Karklins</i> |
| T7-2 | The influence of cut and returned plant material decomposition to the soil properties in swards with different fertilization rates, <i>Karin Kauer, Tiina Köster, Henn Raave, Are Selge & Rein Viiralt</i> |
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Theme 7. Session 2. Soil resource management

Thursday 28 June, morning, room 3-04

Theme leader, Lars Munkholm / Chair, Gudni Thorvaldsson, Iceland

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| 08.30-09.10 | The role of soil science in optimization of soil resource management, <i>Per Schjønning</i> |
| 09.10-09.30 | Soil structure explains some within-field variation in crop yield, <i>Thomas Keller & Tomas Rydberg</i> |
| 09.30-10.00 | <i>Coffee and tea</i> |
| 10.00-10.15 | Modelling farm-economic and environmental effects of reduced tillage, <i>Brian Jacobsen & Jens Erik Ørum</i> |
| 10.15-10.30 | Reduced tillage: a tool to mitigate erosion and soil compaction? <i>Lars J. Munkholm & Ole Green</i> |
| 10.30-10.45 | The influence of soil management on soil physical properties, P content and productivity of crop rotation in Lithuania, <i>Grazina Kadziene, Dalia Feiziene & Virginijus Feiza</i> |
| 10.45-11.00 | Recompaction to sugar beets, <i>Elisabeth Bölenius, Johan Arvidsson & Karina Cavalieri</i> |
| 11.00-11.10 | <i>Overview of poster presentations</i> |
| 11.10-11.30 | <i>Discussion</i> |
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Posters

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| T7-3 | Yields from organic barley and wheat according to tractor weight, ploughing depth and wheel placement during ploughing, <i>Anne Kjersti Bakken, Lars Olav Brandsæter, Ragnar Eltun, Kjell Mangerud & Hugh Riley</i> |
| T7-4 | Technique for ridge tillage of maize, <i>Erik Fløjgaard Kristensen, Henning C. Thomsen & Claus Grøn Sørensen</i> |
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Theme 8. Session 1. Agriculture and the Kyoto targets

GHG emissions and reduction technologies

Wednesday 27 June, afternoon, room 3-03

Theme leader, Jørgen E. Olesen / Chair, Marina Bleken, Norway

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- 13.30-14.10 Quantifying and reducing greenhouse gas emissions from manure management systems, *Sven G. Sommer, Jørgen E. Olesen & Søren O. Petersen*
- 14.10-14.25 A critical comparison of GHG emissions from dairy cows in the Nordic countries, *Steen Gyldenkærne*
- 14.25-14.30 *Discussion*
- 14.30-15.00 *Coffee and tea*
- 15.00-15.15 Exploring the effect of dairy farm management on soil carbon stocks and greenhouse gas emissions, *Frits K. van Evert, Ben Rutgers, Jan Verhagen, Hein F.M. ten Berge & Hugo G. van der Mee*
- 15.15-15.30 Biogas production from different types of biomass and grass species from meadows, *Henrik B. Møller, Lisbeth Nielsen & Tina Christensen*
- 15.30-15.45 Organic bioenergy production in Denmark and effects on greenhouse gases, *Tommy Dalgaard*
- 15.45-16.00 Greenhouse gas (GHG) emissions from Danish bioethanol production and choice of biomass raw materials, *Henrik Hauggaard-Nielsen, Mette Hedegaard Thomsen, Anneli Petersson, Christian van Maarschalkerweerd, Lars H. Nielsen, Anne Belinda Thomsen & Erik Steen Jensen*
- 16.00-16.10 *Overview of poster presentations*
- 16.10-16.30 *Discussion*
-

Posters

- T8-1 BioConcens: Biomass and bioenergy production in organic agriculture - consequences for soil fertility, environment, spread of animal parasites and socio-economy, *Erik Steen Jensen, P. Ambus, T. Dalgaard, A. Johansen, U. Jørgensen, H. Hauggaard-Nielsen, A.M. Nielsen, L.H. Nielsen, J.E. Olesen, A. Roepstorff, K. Skytte, J.E. Smith, A.B. Thomsen & M.H. Thomsen*
- T8-2 Technical and economical aspects of winter harvest of industrial hemp, *Thomas Prade*
- T8-7 Increased N availability from composted household waste: stimulate recycling and C storage in soil, *Jesper Luxhøi & Jakob Magid*
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Theme 8. Session 2. Agriculture and the Kyote targets

Friday 29 June, morning, room 3-03

Theme leader, Jørgen E. Olesen / Chair, Tommy Dalgaard, Denmark

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- 08.30-09.10 Mitigating greenhouse gas emissions through land management practices, *Annette Freibauer*
- 09.10-09.25 Estimating soil carbon fluxes from Danish agriculture under the Kyoto Protocol article 3.4, *Jørgen E. Olesen, Bjørn M. Petersen & Steen Gyldenkærne*
- 09.25-09.30 *Discussion*
- 09.30-10.00 *Coffee and tea*
- 10.00-10.15 Effects of land use change on carbon dynamics assessed by multi-temporal satellite imagery in a mountain watershed of Nepal, *Bharat Shrestha, Øystein B. Dick & Bal R. Singh*
- 10.15-10.30 Reflection over a novel method for mapping carbon stocks of organic soils in Denmark, *Mogens H. Greve*
- 10.30-10.45 Greenhouse gas emissions of Finnish agriculture in various policy scenarios, *Antti Simola*
- 10.45-11.00 Agricultural greenhouse gas emission mitigation policies in the German federal state of Baden-Württemberg, *Henry Neufeldt & Michael Schäfer*
- 11.00-11.10 *Overview of poster presentations*
- 11.10-11.30 *Discussion*
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Posters

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- T8-3 Estimation of area of agricultural organic soils in Sweden using digitized maps and agricultural databases, *Örjan Berglund & Kerstin Berglund*
- T8-4 Modelling carbon dynamics in the whole soil profile, *Bjørn Molt Petersen & Jørgen E. Olesen*
- T8-5 Climate change impact and impact on income in agriculture, *Brian H. Jacobsen*
- T8-6 Greenhouse gas budgets in no-till agriculture - can we avoid increased N₂O emissions? *Kristiina Regina, Paula Perälä & Laura Alakukku*
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Theme 9. Session 1, Ribes symposium (all day)

Thursday 28 June, room 3-12

Theme leader, Ole Callesen / Chair, Hanne Lindhard Pedersen, Denmark

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|-------------|---|
| 08.30-09.30 | Genetic improvement of <i>Ribes</i> and <i>Rubus</i> for the future,
<i>Rex Brennan & Julie Graham</i> |
| 09.30-10.00 | <i>Coffee and tea</i> |
| 10.00-10.25 | Evaluation of black- and red currant cultivars for ecological production,
<i>Arnfinn Nes, Anita Sønsteby & Bjørn Hageberg</i> |
| 10.25-10.45 | Black- and red currant cultivars for low pesticide production,
<i>Hanne Lindhard Pedersen</i> |
| 10.45-11.05 | Epidemiology and control of <i>Mycosphaerella</i> leaf spot in organic produc-
tion of black currants in Norway, <i>Arne Stensvand & H. Eikemo</i> |
| 11.05-11.30 | Update of <i>Ribes</i> growing and research in Latvia, <i>Kaspars Kampuss,</i>
<i>Sarmite Strautina & Solvita Kampuse</i> |
| 14.30-14.55 | Fertilizer rates, methods and timing in a long-term blackcurrant trial,
<i>Nina Opstad & Arnfinn Nes</i> |
| 14.55-15.20 | Soil management and manuring in organic black currant production,
<i>Hanne Lindhard Pedersen</i> |
| 15.20-15.30 | <i>Discussion</i> |
| 15.30-16.00 | <i>Coffee and tea</i> |
| 16.00-16.25 | Growing black currants in northern Sweden – content of ascorbic acid,
anthocyanins and phenols in modern cultivars, <i>Kimmo Rumpunen &</i>
<i>Elisabeth Öberg</i> |
| 16.25-16.50 | Antioxidant activity in black currant (<i>Ribes nigrum</i> L.), red currant (<i>R.</i>
<i>rubrum</i> L.) and gooseberry (<i>R. uva-crispa</i> L.) cultivars, <i>Siv Fagertun</i>
<i>Remberg, Anne-Berit Wold & Finn Måge</i> |
| 16.50-17.30 | General discussion on <i>Ribes</i> research chaired by <i>Hanne Lindhard Peder-</i>
<i>sen</i> |
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Theme 9. Session 2. Trends in horticulture

Friday 29 June, morning, room 3-12

Theme leader, Ole Callesen / Chair, Ole Callesen

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| 08.30-08.55 | Fruit and Vegetable Production in the New Millennium:
Will Southern Production Satisfy Increasing Northern Demand?
<i>Fredrik O. L. Nilsson, Konstantinos Galanopoulos, Emma Lindberg &</i>
<i>Yves Surry</i> |
| 08.55-09.20 | The price of the cultivated cloudberry is high, <i>Kalle Hoppula, Markku</i>
<i>Kajalo & Heli Pirinen</i> |
| 09.20-09.30 | <i>Discussion on economic aspects of horticultural productions</i> |
| 09.30-10.00 | <i>Coffee and tea</i> |
| 10.00-10.25 | Yellow onion (<i>Allium cepa</i> L.) - a crop with high quercetin content,
<i>Lars Mogren</i> |
| 10.25-10.50 | Evaluation of apple rootstock Püre 1, <i>Jānis Lepsis</i> |
| 10.50-11.15 | The effects of irrigation and fertilization on the strawberry quality,
<i>Kalle Hoppula & Tapio Salo</i> |
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Posters

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| T9-1 | Growing of cucumber and tomato seedlings using light-emitting diodes, <i>A.</i>
<i>Brazaitytė, P. Duchovskis, A. Urbonaviciute, G. Samuoliene & J. B. Šikšnianiene</i> |
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Theme 10. Session 1. Challenges and limitations in organic farming:

Organic livestock production

Wednesday 27 June, afternoon, room 3-01

Theme leader, Margrethe Askegaard / Chair, Mette Vaarst, Denmark

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|-------------|---|
| 13.30-14.15 | The health and welfare of organic livestock: issues and challenges, <i>Stephen Roderick</i> |
| 14.15-14.30 | <i>Discussion</i> |
| 14.30-15.00 | <i>Coffee and tea</i> |
| 15.00-15.15 | Organic slaughter pig production: goals and conflicts, <i>Anne-Charlotte Olsson, Hans von Wachenfelt, Knut-Håkan Jeppsson & Mats Andersson</i> |
| 15.15-15.30 | The environmental challenge of outdoor pig production and conflicts with animal welfare, <i>Jørgen Eriksen, Anne Grete Kongsted & John Hermansen</i> |
| 15.30-15.45 | Development of a mobile organic piggery for outdoor production - function and distribution of excreted N, P, K on the grazing area, <i>Eva Salomon, Niels Andresen & Mats Gustafsson</i> |
| 15.45-16.00 | Strategies for a diversified organic pork production - an upcoming project, <i>Anne Grete Kongsted, John E. Hermansen, Chris Claudi-Magnussen, Bent Hindrup Andersen & Helle Frank Jensen</i> |
| 16.00-16.05 | <i>Overview of poster presentations</i> |
| 16.05-16.30 | <i>Discussion</i> |
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Posters

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|-------|---|
| T10-1 | Loose housing or not in Swedish organic dairy production? <i>Christian Swensson & Ingrid Gustafsson</i> |
| T10-2 | Management of organic dairy farms in Norway under the 100% organically produced feed requirement, <i>Ola Flaten, Gudbrand Lien & Agnar Hegrenes</i> |
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Theme 10. Session 2. Challenges and limitations in organic farming:

Organic crop production I

Thursday 28 June, morning, room 3-01

Theme leader, Margrethe Askegaard / Chair, Jørgen Eriksen, Denmark

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|-------------|---|
| 08.30-09.15 | Sustainable nutrient supply of organic farming challenged by specialisation, <i>Sissel Hansen, Marina A. Bleken, Anne K. Løes, Espen Govasmark & Anne F. Øgaard</i> |
| 09.15-09.30 | <i>Discussions</i> |
| 09.30-10.00 | <i>Coffee and tea</i> |
| 10.00-10.25 | How does organic farming manage without import of conventional manure and straw? <i>Ib S. Kristensen</i> |
| 10.25-10.40 | Nutrient sources for organic crop production – what is “organic”? <i>Margrethe Askegaard</i> |
| 10.40-10.55 | De-coupling feed- from organic animal production blows up N-emissions, <i>Marina Azzaroli Bleken, Sissel Hansen & Håvard Steinsham</i> |
| 10.55-11.05 | Challenges of organic crop production - biogas can be the solution, <i>Michael Tersbøl</i> |
| 11.05-11.30 | <i>Discussions</i> |
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Theme 10. Session 3. Challenges and limitations in organic farming:

Organic crop production II

Thursday 28 June, afternoon, room 3-01

Theme leader, Margrethe Askegaard / Chair, Margrethe Askegaard

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- 14.30-14.50 Perennial weeds in organic arable farming – challenges & dilemmas, *Ilse A. Rasmussen & Margrethe Askegaard*
- 14.50-15.10 Strategies for control of perennial weed, *Inger Bertelsen*
- 15.10-15.30 *Discussions*
- 15.30-16.00 *Coffee and tea*
- 16.00-16.20 Repeated undersowing of clover in organic cereal production. Nutrient dynamics and sustainability, *Anne-Kristin Løes, Trond M. Henriksen & Ragnar Eltun*
- 16.20-16.40 Does placement of pig slurry beneath the seed tubers improve yield and quality of organic potatoes? *Poul Erik Lærke, Henning C. Thomsen, Erling Nielsen, Ove Edlefsen, Margrethe Askegaard & Jørgen E. Olesen*
- 16.40-17.00 Surface Fertilizing, Band Fertilizing and Combi-drilling of Vinasse in Spring-Wheat Crops, *Gunnar Lundin & Fredrik Fogelberg*
- 17.00-17.10 *Overview of poster presentations*
- 17.10-17.30 *Discussions*
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Posters

- T10-3 Quantitative analysis of the fertilizer value of rock powders, *Marina Azzaroli Bleken, Michael Heim, Tore Krokstad & Koen Speetjens*
- T10-4 Harrowing in spring in winter sown cereals within organic farming- effects on soil mineral nitrogen, weeds and yield, *Åsa Myrbeck & Tomas Rydberg*
- T10-5 Challenges and risks for organic cereals in Latvia, *Biruta Bankina, Inara Turka & Ilze Priekule*
- T10-6 Crop varieties adapted for organic farming in Latvia, *J. Vigovskis, B. Jansone, A. Svarta & L. Tiltina*
- T10-7 Cost-efficient and environment-friendly cultivation technology of spring oil-seed rape in compliance with the principles of successful agricultural practice, *Lilija Borovko*
- T10-8 Slurry seeding of oil-seed rape - a method for improved crop establishment and increased yield, *Fredrik Fogelberg*
- T10-9 Influence of organic mulches on tomato fruit weight in organic cultivation, *Ingrid Bender*
- T10-10 Possibilities and restrictions for organic food in public procurement, *Matthias Koesling & Liv Birkeland*
- T10-NEW The comparison of spring barley, wheat and oat in organic and conventional conditions in Estonia, *Ilmar Tamm, Anne Ingver and Ülle Tamm*
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Theme 11. Session 1. Forecasting and controlling crop pests and diseases
2 topics

Wednesday 27 June, afternoon, room 3-11

Theme leader, Jens G. Hansen / Chair, Roland Sigvald, Sweden

Topic: Status on crop pest and disease models in the Nordic countries	
13.30-13.45	<i>Forecasting pests and diseases of field crops in the Nordic and Baltic countries, Björn Andersson & R. Sigvald</i>
13.45-14.00	Status of horticultural disease and pest models in the Nordic countries, <i>Berit Nordskog</i>
14.00-14.15	Plant Protection Online - Need for new ways of reaching the farmers, <i>Lise Nistrup Jørgensen & Karen Henriksen</i>
14.15-14.30	<i>Discussion</i>
14.30-15.00	<i>Coffee and tea</i>
Topic: New weeds, pest and disease problems in the Nordic countries	
15.00-15.30	Warming climate - new pests may fling the EU pesticide strategy, <i>Kari Tiilikkala</i>
15.30-15.45	Ramularia leaf spot - meeting a new challenge for crop protection in barley, <i>Hans O. Pinnschmidt</i>
15.45-16.00	Invasive alien species in agriculture: an economic analysis of coexistence of professional and hobby production, <i>Ceddia Graziano, Jaakko Heikkilä & Jukka Peltola</i>
16.00-16.10	<i>Overview of poster presentations</i>
16.10-16.30	<i>Discussion</i>

Posters

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- T11-1 Ensiling does not always destroy wild oat seed viability, *Eeva Saarisaloet, Seija Jaakkola, Heikki Jalli, Terttu Heikkilä & Jari Poikulainen*
 - T11-2 Pest Database – a tool to measure climate change, *I. Markkula, A. Tapola, H. Ojanen, S. Raiskio & K. Tiilikkala*
 - T11-3 Effect of tillage systems on the diversity of *Pyrenophora teres* populations, *Marja Jall*
 - T11-4 Allelopathic crops for weed control in an organic crop rotation, *J. Fredrik Fogelberg*
 - T11-NEW Ergot – a quality risk in barley, *Arjo Kangas*
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Theme 11. Session 2. Forecasting and controlling crop pests and diseases
Thursday 28 June, morning, room 3-11

Theme leader, Jens G. Hansen / Chair, Mati Koppel, Estonia

Topic: Information and decision support systems

- 08.30-08.45 PI@nteInfo - Trends and perspectives after 10 years,
Iver Thysen, Allan Leck Jensen & Jens G. Hansen
- 08.45-09.00 VIPS – warning and prognoses of pests and diseases in Norway,
Guro Brodal, Annette Folkedal, Halvard Hole, Christian Brevig & Trond Rafoss
- 09.00-09.15 Use of warning systems and models in Sweden, *Alf Djürberg*
- 09.15-09.30 *Discussion*
- 09.30-10.00 *Coffee and tea*
- 10.00-10.15 Forecasting models of diseases in barley, wheat and oil seed crops in Norway, *Oleif Elen*
- 10.15-10.30 Knowledge transfer of IPM to Finnish ornamental growers 2004-07,
Irene Vänninen & Marika Linnamäki
- 10.30-10.45 Perspectives for intensified Nordic collaboration in research on herbicides, *Per Rydahl & Ole Qvist Bøjer*
- 10.45-11.00 A simple decision support system for control of potato late blight,
Mati Koppel & Eve Runno-Paurson
- 11.00-11.10 *Overview of poster presentations, please see list at Theme 11, Session 1*
- 11.10-11.30 *Discussion*
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Theme 11. Session 3. Basic experiments to improve models and applications

Friday 29 June, morning, room 3-11

Theme leader, Jens G. Hansen / Chair, Jens G. Hansen

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- 08.30-09.10 A model has to be good, robust and simple! What does it mean and is it possible? *Geert J.T. Kessel*
- 09.10-09.30 Evaluation of a disease forecast model in relation to airborne inoculum of *Bremia lactucae*, *Berit Nordskog, David M. Gadoury, Robert C. Seem & Arne Hermansen*
- 09.30-10.00 *Coffee and tea*
- 10.00-10.20 Use of Burchard sporetraps and trap plants for the validation of a late blight simulation model, *Jens G. Hansen & Bent J. Nielsen*
- 10.20-10.30 *Overview of poster presentations, please see list at Theme 11, Session 1*
- 10.30-11.00 *Discussion*
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Theme 12. Session 1. Quality and safety in the food chain

Meat and milk quality and safety

Thursday 28 June, morning, room 3-02

Theme leader, Torben Hvelplund / Chair, Niels Oksbjerg, Denmark

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- 08.30-09.00 Muscle development and growth in relation to meat quality,
Margrethe Therkildsen, Pia M. Nissen & Niels Oksbjerg
- 09.00-09.15 Effect of feeding fermentable fibre-rich feedstuffs prior to slaughter with
special emphasis on the effect on boar taint in organic entire male and
female pigs, *Laurits Lydehøj Hansen, Jens Askov Jensen, Poul Henckel,
Jens Hansen-Møller, Derek V. Byrne & Kostas Syriopoulos*
- 09.15-09.30 *Discussion*
- 09.30-10.00 *Coffee and tea*
- 10.00-10.15 Can the feeding in the piglet period influence the fatty acid composition
in backfat of pigs at slaughter? *Nils Petter Kjos & Margareth Øverland*
- 10.15-10.30 Development in meat quality attributes by age, *Laurits Lydehøj Hansen,
Jens Askov Jensen, Hanne Christine Bertram, Ida K. Straadt, Jette F.
Young, Margrethe Therkildsen, Pia M. Nissen, Poul Henckel, & Niels
Oksbjerg*
- 10.30-10.45 Milk phytoestrogens content - effect of clover species and
supplementation, *Håvard Steinshamn, Stig Purup, Erling Thuen & Jens
Hansen-Møller*
- 10.45-11.00 *Discussion*
- 11.00-11.15 *Overview of poster presentation*
- 11.15-11.30 *Discussion*
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Posters

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- T12-1 Effect of combined forage conservation additives on silage quality and milk
production, *Baiba Osmane, Janis Miculis & Inara Helena Konosonoka, Latvia*
- T12-2 Microbial contamination of raw milk in small dairy farms in Latvia,
*Aleksandrs Jemeljanovs, Inara Helena Konosonoka, Janis Bluzmanis & Daina
Ikaunieca, Latvia*
- T12-3 Antiurease as a transferable protein via colostrum, *Ali Moharrery & M. Rezvani*
- T12-4 Beef quality investigations of crossbreed cattle produced in the organic farm-
ing system, *Janis Nudiens, Aleksandrs Jemeljanovs, Janis Miculis & Inara
Helena Konosonoka*
- T12-5 The significance of diet and aging time on pork colour and colour stability,
Kaja Tikka, Gunilla Lindahl & Henrik J. Andersen
- T12-6 Yields of retail cuts and eating quality of pork in three types of pig crosses,
Kirsi Partanen, Markku Honkavaara & Hilikka Siljander-Rasi
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Theme 12. Session 2. Quality and safety in the food chain

Food and feed quality and safety

Thursday 28 June, afternoon, room 3-02

Theme leader, Torben Hvelplund / Chair, Kirsten Jakobsen, Denmark

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- 14.30-14.45 Cadmium and fatty acid contents of linseed in Finland, *H.-R. Kymäläinen, M. Nykter & A.-M. Sjöberg*
- 14.45-15.00 Possibilities for soyabean production in Scandinavia - some results from pioneer experiments in Sweden 2006, *Fredrik Fogelberg*
- 15.00-15.15 Mycobiota of maize and maize silage, *Jens Laurids Sørensen*
- 15.15-15.30 *Discussion*
- 15.30-16.00 *Coffee and tea*
- 16.00-16.15 Food safety risks and consumers demand for credence characteristics, *Terhi Latvala*
- 16.15-16.30 Swedish consumers' willingness to pay for safety - findings from a contingent valuation study on salmonella and car risk, *Kristian Sundström*
- 16.30-16.45 Does an embedding effect exist between food safety characteristics? *Morten Raun Mørkbak, Tove Christensen & Dorte Gyrd-Hansen*
- 16.45-17.00 *Discussion*
- 17.00-17.15 *Overview of poster presentation*
- 17.15-17.30 *Discussion*
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Posters

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- T12-7 Guidelines of good hygiene practice in primary production of cereals, oil plants and leguminous plants, *Antons Ruza, Latvia*
- T12-8 The effect of sulphur fertilizer on winter wheat yield, *Liina Edesi, Ando Adamson & Malle Järvan, Estonia*
- T12-9 Quality of seeds produced in pure and mixed crops of barley (*Hordeum vulgare*) and field pea (*Pisum sativum*), *Elina Akk, Ene Ilumäe & Arvi Hansson, Estonia*
- T12-10 Possibility of Festulolium and Lolium x boucheanum forage and seed production under climatic condition of Latvia, *I. Gutmane & A. Adamovich, Latvia*
- T12-11 Mycotoxins in maize silage, *Ida Drejer Storm & Rie Romme Rasmussen, Denmark*
- T12-12 The NJF proficiency test on analytical methods for feedstuff, *Jens Hansen-Møller, Tryggvi Eiriksson, Liv Torunn Mydland, Tarja Kousa & Arngrimur Thorlacius*
- T12-13 Economic modelling of microbiological food safety - the case of Campylobacter in chicken, *Jørgen Dejgård Jensen, Lartey Godwin Lawson & Mogens Lund*
- T12-14 Properties and cleanability of traditional and new agricultural surface materials: a laboratory study, *J. Määttä, H.-R. Kymäläinen, R. Mahlberg, M. Puumala, R. Kuisma, A. Uusi-Rauva, K.-R. Hurme & A.-M. Sjöberg*
- T12-15 Prediction of spring barley yield using a model based on meteorological information, *Jelena Korolova*
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Theme 12. Session 3. Quality and safety in the food chain

Seafood quality and safety

Friday 29 June, morning, room 3-02

Theme leader, Torben Hvelplund / Chair, Grethe Hyldig, Denmark

- 08.30-09.00 Seafood safety, *Åshild Krogdahl, Norway*
- 09.00-09.15 The effect of different feed on the sensory quality in farmed trout after frozen storage, *Grethe Hyldig & Charlotte Jacobsen*
- 09.15-09.30 *Discussion*
- 09.30-10.00 *Coffee and tea*
- 10.00-10.15 Sensory characterization of different families of farmed rainbow trout, *Grethe Hyldig, Niels K. Leth, Flemming Jessen, Ivar Lund & Alfred Jokumsen*
- 10.15-10.30 Biomarkers for eating quality of rainbow trout (*Oncorhynchus mykiss*). Proteomics, sensory profiling and multivariate data analysis in a combined approach, *Niels K. Leth, Grethe Hyldig, Kristina N. Jensen & Flemming Jessen*
- 10.30-10.45 Protein oxidation in fresh and frozen rainbow trout, *Inger V.H. Kjærsgård, Mette R. Nørrelykke, Caroline P. Baron & Flemming Jessen*
- 10.45-11.00 *Discussion*
- 10.45-11.15 *Overview of poster presentation*
- 11.15-11.30 *Discussion*
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Posters

- T12-16 Identification of stress related proteins in farmed trout, *Helene Godiksen, Grethe Hyldig & Flemming Jessen*
- T12-17 Healthy, nutritious and tasty fish for the future, *Henrik H. Nielsen, Maria L Rentsch, Flemming Jessen, Grethe Hyldig, Charlotte Jacobsen, Sylvie Eymard, Jesper Hallund, Lotte Lauritzen, Susanne Bügel, Rene Lametsch & Jørgen Holm*
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Congress secretariat

You will find the Congress secretariat in the Marble hall. Congress secretary, Mrs. Rita Bundgaard, can be contacted on +45 22780850 during the congress.

Registration desk

You will find the Registration desk in the Marble hall. If you have any questions regarding your registration, accommodation or participation in events, please contact the Registration desk. Opening hours:

Tuesday 26, 18.00 – 20.00

Wednesday 27, 08.30 – 09.30 at CBS

Wednesday 27, 12.00 – 15.00

Thursday 28, 08.00 – 09.00

General information

Transport. Metro **MET M1** marked **Vanløse st** will take you to the stations, *Forum* or *Frederiksberg*, which are both located close to the venue of the congress.

Please refer to www.byensnet.dk to find public transport, which will bring you to the venue of the congress.

Congress language. The official language of the congress is English.

Information board is placed at the Congress Secretariat. Please look for personal messages or helpful new general information concerning the congress.

Congress assistants. During the congress feel free to contact one of the congress assistants (*white NJF t-shirts*), if you have any questions.

Wireless access. There is no general access to the wireless network at KU-LIFE. However, a few computers with Internet access will be located next to the Congress secretariat.

Access to Tivoli. Your name badge will allow you **free** entrance to Tivoli during the Congress.

Name badges must be worn at all times during the congress.

Lunch and coffee will be served in the Marble hall.

Smoking is prohibited inside public buildings.

Diet if you have informed the Registration beforehand, a special menu will have been reserved for you. Please contact the catering/restaurant staff for your diet.

Posters

The poster exhibition area is located in the hall next to the Marble hall. All posters are exhibited throughout the congress period. Authors of posters presented are asked to attend their posters at the Thursday poster session.

Congress dinner

Congress dinner will take place on Thursday, 28 June.

If you have not booked the Congress Dinner, but would like to attend, please contact the Registration desk for more information.

Congress Dinner starts with a boat trip through some of the canals of Copenhagen with departure from Nyhavnsbroen at 19.00. Please be punctual. The dinner starts at 20.00 at the restaurant Langelinie Pavillionen.

Please note that drinks served at the Congress dinner are included, but any drinks served in the bar are at your own expense (cash only, no credit cards).

Reception at City Hall

In your registration papers you will find the invitation for the Reception at City Hall.

If you have not registered for this reception, but would like to attend, please contact the Registration desk for more information.

Notes

Notes

**Thank you for joining the
23rd NJF congress in
Copenhagen**

See you in Sweden in 2011

