

**4th NJF Organic Conference, NJF Seminar 495
June 19-21, 2017 in Mikkeli, Finland**

Day 1. Monday 19 th of June Mikkeli University Consortium (MUC) Campus, building Unica (address: Lönnrotinkatu 5)	
13.00	Registration begins
15.00-19.00	Opening session (Unica building, auditorium) Moderator: Sari Iivonen
15.00-15.30	Opening ceremony: Dr Sari Iivonen, Chair of the Organizing Committee, Director of Finnish Organic Research Institute; and Dr Carina Tikkanen-Kaukanen, Adjunct Professor, Chair of the Scientific Committee, Ruralia Institute, University of Helsinki, Finland.
15.30-16.30	Organic Agriculture in the 21st Century Keynote speaker, John P. Reganold, Regents Professor of Soil Science and Agroecology, Washington State University, USA.
16.30-17.30	Tuning up sustainable organic production Keynote speaker, Lotta Rydhmer, Professor of Animal breeding, Dept. of Animal breeding and genetics, Swedish University of Agricultural Sciences (SLU), Sweden.
17.30-18.00	Break, refreshments at MUC campus restaurant
18.00-19.00	Organic food systems: Do they produce healthy diets? Keynote speaker, Carola Strassner, Professor of Sustainable Food Systems and Nutrition Ecology, FH Münster University of Applied Sciences, Germany.
19.15 - 22.30	Get-together (organic and local buffet) at MUC campus restaurant



Day 2. Tuesday 20th of June

08.30-10.00 ORAL parallel sessions

Moderator:	<p>TRACK 1A (MUC campus, Unica building, auditorium) Cover crops and weed management</p> <p><i>Sari Iivonen</i></p>	<p>TRACK 1B (MUC campus, Unica building, Room 116) Nutrient management in organic systems</p> <p><i>Maria Wivstad</i></p>	<p>TRACK 2 (MUC campus, Unica building, Room 117) Organic dairy – from farm to milk</p> <p><i>Raija Tahvonen</i></p>	<p>TRACK 3 (Cultiva building, Room 1003, Lönnrotinkatu 7) Perceptions of organic farmers and organic farming</p> <p><i>Jaakko Nuutila</i></p>
	<p>Salonen, Jukka and Zarina, Livija : Potential of cover crops for weed management in organic cropping.</p> <p>Madsen, Helena; Talgre, L.; Ereemev, V.; Alaru, M.; Mäeorg, E. and Luik, A.: Winter cover crops decrease weediness in organic cropping systems.</p> <p>Hofmeijer, Merel A.J.; Melander, B.; Krawczyk, R.; Salonen, J.; Verwijst, T.; Zarina, L. and Gerowitt, B.: Problematic weed species in spring sown cereals around the Baltic Sea - an expert database.</p>	<p>Seuri, Pentti: Evaluation of nutrient (nitrogen) efficiency - the concept of primary nutrients.</p> <p>Hakalehto, Elias; Kivelä, J.; den Boer, E.; Heitto A.; Pesola, J.; Schwede, S.; Thorin, E.; Laatikainen, R.; Dahlquist, E. & Jaakkola, K. : Microbial interactions in soil improvement, circulation bioprocesses and health promotion.</p> <p>Andersen, Heidi Maj-Lis; Kongsted, A.G. and Jakobsen, M.: Integrated production of tree biomass and piglets - Effect of paddock design on sow excretory behaviour.</p>	<p>Puhakka, Laura; Jaakkola, S.; Kokkonen, T. & Vanhatalo, A.: Blue lupin as an alternative protein supplement for dairy cows fed grass silage-based diets.</p> <p>Adler, Steffen A. and Steinshamn, Håvard: Equol and enterolactone – two mammalian phytoestrogens with estrogenic potency found in organically produced milk.</p> <p>Tupasela, Tuomo; Tahvonen, R.; Marnila, P.; Vilkki, J. and Viitala, S.: Milk - new research and product development innovations (Milk-Inno).</p>	<p>Lähdesmäki, Merja and Siltaoja, Marjo: Pioneer organic farmers as institutional entrepreneurs in the agricultural context.</p> <p>Mikkola, Minna: Theoretical framing of the (heroic and rebellious) actors in the struggle for organic food and farming.</p> <p>Ma, Fanyi; Liu, X.; Tikkanen-Kaukanen, C.; Särkkä-Tirkkonen, M. and Mynttinen, S.: Perception of food and locality among Chinese tourist experiences in Finland.</p>

Day 2. Tuesday 20th of June (continued)	
10.00-10.30	Coffee at MUC campus restaurant
10.30-12.00	<p>POSTER sessions.</p> <p>There will be two parallel poster workshops divided in two sessions. 1A and B: Track 1 poster workshops, and 2A and B: Workshops on organic agriculture and research in Nordic and Baltic countries. It is possible to stay or to switch between the 45-minutes sessions. The workshop posters and other posters can also be viewed at any time during the conference.</p>
10.30-11.15	<p>1A Cover crops and weed control</p> <p>Toom, Merili; Lauringson, E.; Talgre, L.; Tamm, S. and Narits, L.: Finding new cover crops for Estonian conditions.</p> <p>Talgre, Liina; Madsen, H.; Eremeev, V.; Alaru, M.; Reintam, E.; Kahu, G.; Loit, E. and Luik, A.: Winter cover crops improve soil properties in organic cropping systems.</p> <p>Lötjönen, Timo: How to intensify bare fallow strategies to control perennial weeds?</p>
11.15-12.00	<p>1B Suitable crop varieties for organic systems</p> <p>Hakala, Kaija: How to find a good crop variety for organic farming?</p> <p>Zute, Sanita ; Vicupe, Z. and Bleidere, M.: Evaluation of different oat varieties to identify prospective breeding lines for organic agriculture.</p> <p>Hiltunen, Lea H.; Vorne, V.; Virtanen, E.; Degefu, Y.; Korhonen, K.; Muilu, T. and Tausta-Ojala, M-L.: Promoting production and use of organic potatoes in Northern Ostrobothnia, the northernmost agricultural area in Europe.</p> <p>Zarina, L. and Alekse, I.: Genotype and environment interaction on field pea cultivars in organic cropping system.</p>
10:30-11:15	2A Organic agriculture and research in Nordic and Baltic countries Presentations from Finland, Estonia and Denmark
11:15-12:00	2B Organic agriculture and research in Nordic and Baltic countries Presentations from Sweden, Latvia, Lithuania and Norway.
12.00-13.00	Lunch at MUC campus restaurant



Day 2. Tuesday 20th of June (continued)

13.00-14.30

ORAL parallel sessions

Moderator:	<p>TRACK 1 (MUC campus, Unica building, auditorium) Cropping designs and soil quality <i>Atle Wibe</i></p>	<p>TRACK 2 (MUC campus, Unica building, Room 117) Health impacts of organic food <i>Carina Tikkanen-Kaukanen</i></p>	<p>TRACK 3 (Cultiva building, Room 1003, Lönnrotinkatu 7) Development of organic food and farming <i>Merja Lähdesmäki</i></p>	<p>TRACK 4 (Cultiva building, Room 1030, Lönnrotinkatu 7) Platforms for sustainability and knowledge transfer <i>Elen Peetsmann</i></p>
	<p>Himanen, Sari ; Saarnia, M.; Lehtinen, H.; Mäkinen, H. and Savikko, R.: Intercropping can support ecological intensification in organic agriculture. Lepse, Liga and Jansone, Inga: Influence of Agricultural Service Crops on the fluctuations of the soil mineral composition. Mattila, Tuomas; Rajala, J.; Mynttinen, R. and Väisänen, H-M.: OSMO - Knowledge and tools for resource-efficient soil health management in a collaborative network. Short poster presentation: Mattila, T.; Rajala, J.; Mynttinen, R. and Väisänen, H-M. OSMO - Knowledge and tools for resource-efficient soil health management in a collaborative network.</p>	<p>Kneifel, Wolfgang: Raw milk and allergy prevention – a possible feature for organic milk? Tahvonen, Raija: Health effects of organic food – what can we say?</p>	<p>Siiskonen, Pirjo and Nuutila, Jaakko: Development of Organic Food Production in some European Countries. Viitaharju, Leena; Kujala, S. and Törmä, H.: Economic Effects of Organic Production in Finland. Nuutila, Jaakko: A Path of Actions to Develop Organics in the Finnish Food Chain.</p>	<p>Savikko, Riitta ; Himanen, S.; Rimhanen, K. and Mäkinen, H.: How to find pathways towards climate-smart agriculture - Views of farmers, educators and advisers in Finland. Wivstad, Maria and Rööös, E: Organic 3.0 in Sweden – gathering perspectives through stakeholder dialogue Rasmussen, I.A.; Jensen, A.L.; Jørgensen, M.S.; Kristensen, H.; Conder, M.; Micheloni, C. and Moeskops, B.: OK-Net Arable online knowledge platform. Short poster presentation: Minin, Vladislav; Ustroevev, A.; Mbaïholoie, E. and Subbotin, I.: Technical provision of organic farming in Russia: problems and prospects.</p>



Day 2. Tuesday 20th of June (continued)

14.30-18.00	Excursions Excursions to organic farms Siiriäinen (Excursion 1), Kalliola (Excursion 2) and Tea-House of Wehmais with an organic farm (Excursion 3).
19.00-23.00	Dinner Conference Dinner at Kenkävero vicarage. Kenkävero is at walking distance from the center of the city; 1 km from Hotel Vaakuna and 1.5 km from Hotel Cumulus. More information at http://www.kenkavero.fi/home .



Day 3. Wednesday 21st of June

08.30-10.00 **ORAL parallel sessions**

	TRACK 1 (MUC campus, Unica building, auditorium) Challenges for organic horticultural crops	TRACK 2 (MUC campus, Unica building, Room 117) Health and well-being from organic food	TRACK 3 (Cultiva building, Room 1003, Lönnrotinkatu 7) Organic food supply chains	TRACK 4 (Cultiva building, Room 1030, Lönnrotinkatu 7) Increasing organic farming sustainability
Moderator:	<i>Kaija Hakala</i>	<i>Elias Hakalehto</i>	<i>Pirjo Siiskonen</i>	<i>Ilse Rasmussen</i>
	<p>Kivijärvi, Pirjo ; Hannukkala, A.; Haapalainen, M. and Iivonen, S.: Onion seedlings versus onion sets in organic onion production.</p> <p>Koort, Angela and Vangdal, Eivind: The effect of organic fertilizers and thinning methods on quality parameters and the yield on apple cultivars 'Aroma' and 'Discovery' in Norway.</p> <p>Wibe, Atle: Progress in pest management in organic strawberry production.</p>	<p>Sturite, Ievina; Kruma, Z.; Tomson, L. Assveen, M.; Kronberga, A.; Straumite, E. and Galburda, R.: Effect of organic and conventional farming system on the total phenolic content and antioxidant activity of oats and barley grains.</p> <p>Partanen, Birgitta: Organic wild collection in forests.</p> <p>Obey, Jackie; Ngeiywa, M.; von Wright, A.; Kauhanen, J. and Tikkanen-Kaukanen, C.: Antimicrobial activity of Finnish organic honeys against human pathogenic bacteria.</p> <p>Toivanen, Marko; Huttunen, S.; Riihinen, K.; Obey, J. and Tikkanen-Kaukanen, C.: Natural product based anti-adhesion therapy- innovative prevention against bacterial infections.</p>	<p>Skulskis, Virgilijus and Girgzdiene, Vilija: Potential for raw milk in Lithuanian organic dairy supply chain.</p> <p>Väisänen, Hanna-Maija and Iivonen, Sari: Value creation in a successful organic potato supply chain from grower to professional kitchen.</p> <p>Korhonen, Kirsi; Muiilu, T.; Hiltunen, L.H.; Vorne, V.; Virtanen, E.; Degefu, Y. and Tausta-Ojala, M-L.: Demand for organic potato in professional kitchens and new production potential in Northern Ostrobothnia, Finland.</p> <p>Shamekh, Salem: Sustainable cultivation of truffles in rural regions of Finland.</p>	<p>Kuisma, Miia ; Mäkinen, H. and Kahiluoto, H.: Transition towards circular economy in dairy farms.</p> <p>Koppelmäki, Kari ; Hagolani-Albov, S.; Parviainen, T.; Virkkunen, E. and Helenius, J.: Palopuro Agroecological Symbiosis – Increasing sustainability in organic farming.</p> <p>Kreismane, Dzidra ; Popluga, D.; Berzina, L.; Naglis-Liepa, K.; Lenerts, A. and Rivza, P.: Organic Farming as a GHG Emission Mitigation Possibility in Latvia.</p>

Day 3. Wednesday 21st of June (continued)	
10.00-10.30	Coffee at MUC campus restaurant
10.30-12.15	Closing session (MUC campus, Unica building, auditorium) Moderator: Ilse Rasmussen
10.30-11.30	Organics - the next step Keynote speaker, Professor Gerold Rahmann, Thünen Institut für Ökologischen Landbau, Faculty of Organic Agricultural Science, University of Kassel, Witzenhausen, Germany.
11.30-12.00	Conclusions of the tracks, track leaders
12.00-12.15	Closing of the Conference: Maria Wivstad, Director of EPOK–Centre for Organic Food and Farming, Swedish University of Agricultural Sciences (SLU), Sweden and Sari Iivonen, Director of Finnish Organic Research Institute, Finland.
12.30-13.45	Lunch at MUC campus restaurant