



ICOAS '18

6th International Conference on
Organic Agriculture Sciences

November
7 – 9, 2018
Eisenstadt

Preliminary Programme Version 28 September

Preliminary Programme ICOAS

Dynamic developments in organic research – strengthening partnerships across
Europe and beyond

7 – 9 November 2018

Esterházy Palace, Eisenstadt, Austria

7 November: ICOAS – Scientific Conference, Day 1

08.00-09.00 **Registration, Welcome Coffee**

Reception and
Gartensaal

09.00-09.30 **Opening of ICOAS**

Haydnsaal

- Urs Niggli, *Director FiBL*

09.30-10.30 **Key Note Speakers**

Haydnsaal

- Alfred Grand, *Farmer and Managing Director Vermigrand*
- Annette Schneegans, *European Commission DG AGRI*

10.30-11.00 **Coffee Break**

Gartensaal

11.00-12.30 **Parallel Sessions I**

Haydnsaal

1.1 Organic crop production I

Chair: Magdaléna Lacko-Bartošová, *Slovak University of Nitra, SK*

- Impact of non-plough tillage in long-term trials – Results of the first crop rotation in organic farming, *Peer Urbatzka et al., Bavarian State Research Center for Agriculture (LfL), DE*
- Linking mulch application and fertilization with organic soybean and buckwheat production, *Srdjan Šeremešić et al., University of Novi Sad, RS*
- Efficacy of different mechanical impacts on weed growth, *Arnd Verschwele et al., Julius Kühn-Institut (JKI), DE*
- Development and performance of new maize populations, selection method and progress, *Barbara Eder et al., Bavarian State Research Center for Agriculture (LfL), DE*

Empire Saal

1.2 Farm diversification and socio-economic challenges in organic agriculture

Chair: Christian Vogl, *University of Natural Resources and Life Sciences (BOKU), AT*

- Success and failure factors of crop diversification across Europe, *Dóra Drexler et al., Hungarian Research Institute of Organic Agriculture (ÖMKi), HU*



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- Organic wild plant commercialization as a deepening form of farm diversification in Austria, *Christoph Schunko et al., University of Natural Resources and Life Sciences (BOKU), AT*
- Employment effects relating to organic market development in Eastern Europe – The case of Ukraine, *Tobias Eisenring et al., Research Institute of Organic Agriculture (FiBL Switzerland), CH*

Moreau Saal

1.3 Sustainable livestock production and animal husbandry

Chair: Werner Zollitsch, *University of Natural Resources and Life Sciences (BOKU), AT*

- A comparison of human edible feed conversion efficiency between organically and conventionally managed livestock, *Stefan Hörtenhuber et al., Research Institute of Organic Agriculture (FiBL Austria)*
- Reducing particle length of the forage improves feed utilization efficiency in organic dairy cows, *Andreas Haselmann et al., University of Natural Resources and Life Sciences (BOKU), AT*
- Opportunities for farming in alpine countries – pathways to truly grassland-based beef and milk production in Austria and Switzerland, *Rainer Weissshaidinger et al., Research Institute of Organic Agriculture (FiBL Austria), AT*

12.30-14.00

Lunch Break

Gartensaal

14.00-15.30

Parallel Sessions II

Haydnsaal

2.1 Pathways to phase-out contentious inputs

Chair: Ulrich Schmutz, *Coventry University, UK*

- Use of contentious inputs in organic farming: Relevance and perspectives for providing alternative tools and technologies, *Veronika Maurer, Research Institute of Organic Agriculture (FiBL Switzerland), CH*
- Pathways to phase-out contentious inputs from organic agriculture in Europe – Research overview and preliminary results, *Ulrich Schmutz et al., Coventry University, UK*
- Lessons learned from phase-outs – the case of the peat phase-out in the United Kingdom, *Judith Conroy et al., Coventry University, UK*

Empire Saal

2.2 Poster Session I



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2.3 Development of local markets I

Chair: Toralf Richter, *Research Institute of Organic Agriculture (FiBL Switzerland), CH*

- How to improve collection of data on organic agriculture in the countries of Central and Eastern Europe, *Helga Willer, Research Institute of Organic Agriculture (FiBL Switzerland), CH*
- Organic farming development in Latvia: perspectives and limitations, *Ligita Melece et al., Institute of Agricultural Resources and Economics, LV*
- Organic, local fruit and vegetables - strengthening links between consumers and producers across Europe, *Iva Zvěřinová et al., Charles University, CZ*

15.30-16.15

Coffee Break

Gartensaal

16.15-17:45

Parallel Sessions III

Haydnsaal

3.1 Phytosanitary issues in organic farming

Chair: David Lehner, *Höhere Bundeslehr- und Forschungsanstalt Raumberg Gumpenstein, AT*

- Effects of earthworms and cover crops on plant pathogenic fungi *Sclerotinia sclerotiorum*, *Pia Euteneuer et al., University of Natural Resources and Life Sciences (BOKU), AT*
- Reduced *Rhizoctonia solani* and *Streptomyces* sp. infection by using combined microbial inoculums on organic potato, *Orsolya Papp et al., Hungarian Research Institute of Organic Agriculture (ÖMKi), HU*
- Susceptibility of winter wheat- and spelt wheat varieties to common bunt of wheat (*Tilletia caries*) and the need for ecological wheat breeding, *Benno Voit et al., Bavarian State Reseach Center for Agriculture (LfL), DE*

Empire Saal

3.2 Sustainability assessment

Chair: Dóra Mészáros, *Research Institute of Organic Agriculture (FiBL Europe), HU* & Rainer Weisshaidinger, *Research Institute of Organic Agriculture (FiBL Austria), AT*

- Sustainability assessment of organic dairy farms in mountainous areas of Austria, *Rainer Weisshaidinger et al., Research Institute of Organic Agriculture (FiBL Austria), AT*
- Farm-level sustainability assessments in Hungary: SMART assessments of organic, conventional and permaculture farms, *Dóra Mészáros et al., Hungarian Research Institute of Organic Agriculture (ÖMKi), HU*
- Development of indicators set for assessing sustainability of organic and Conventional farms, *Meenakshi Choudhary et al., TERI SAS, IN*



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3.3 Development of local markets II

Chair: *Dóra Drexler, Hungarian Research Institute of Organic Agriculture (ÖMKi), HU*

- *Mass catering as a driver for Austrian organic agriculture, Isabella Gusenbauer et al., Research Institute of Organic Agriculture (FiBL Austria), AT*
- *Capacity development strategy to promote organic sector development in Ukraine – the experience with the Leader Approach, Tobias Eisenring et al., Research Institute of Organic Agriculture (FiBL Switzerland), CH*
- *Transdisciplinary development of organic agriculture through participatory research: Case of Armenia, Astghik Sahakyan, International Center for Agribusiness Research and Education (ICARE) Foundation, AM*

18.00-20:00

Tasting of local delights

Gartensaal



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8 November: ICOAS – Scientific Conference, Day 2

08.00-09.00

Registration, Morning Coffee

Reception and
Gartensaal

09.00-10.30

Parallel Sessions IV

Haydnsaal

4.1 Sustainable production forms

Chair: tbc

- Biodiversity performance of organic farms in Austria – results from eight years of biodiversity assessment, *Thomas Drapela et al., Research Institute of Organic Agriculture (FiBL Austria), AT*
- Is bio-certification of subsistence farms a good strategy to conserve traditional landscapes and biodiversity? A case study from Transylvania, Romania, *Cristina Craioveanu et al., Babes-Bolyai University, RO*
- Four years of model organic regions in Bavaria – an interim report and first results, *Christian Novak, Bavarian State Reseach Center for Agriculture (LfL), DE*

Empire Saal

4.2 Partnerships along the value chain I – Sustainable supply chains

Chair: *Isabella Gusenbauer, Research Institute for Organic Agriculture (FiBL Austria), AT*

- Regional and supra-regional market relations of dairy farms in two Austrian regions, *Ruth Bartel-Kratochvil, Research Institute of Organic Agriculture (FiBL Austria), AT*
- *Defining criteria and indicators to assess partnerships along food value chains, Susanne Kummer, Research Institute of Organic Agriculture (FiBL Austria), AT*
- *Collaborative short food supply chains, Susanne Braun et al., University of Hohenheim, DE*

Moreau Saal

4.3 Better knowledge transfer and dissemination across all stakeholders in organic agriculture

Chair: *Klaus Wiesinger, Bavarian State Reseach Center for Agriculture (LfL), DE*

- Knowledge transfer in organic farming in Estonia, *Elen Peetsmann et al., Estonian University of Life Sciences, EE*
- Low Input dairy farming in Austria – Experiences from training courses and results of participating farmers, *Andreas Steinwider, Höhere Bundeslehr- und Forschungsanstalt Raumberg Gumpenstein, AT*



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- Pleasurable Cooking Lessons work! Findings from the Pilot Phase of Schule des Essens (School of Eating), *Theres Rathmanner, Research Institute of Organic Agriculture (FIBL Austria), AT*
- 10.30-11.00**
Gartensaal
- Coffee Break**
- 11.00-12.30**
Haydnsaal
- Parallel Sessions V**
- 5.1 Organic crop production II**
Chair: Jürgen Friedl, *University of Natural Resources and Life Sciences (BOKU), AT*
- Soil-data can be improved by qualitative soil food web assessment of soils from various organic cultivation practices, *Eszter Tóth, Szent István University, HU*
 - Effect of cover crops on the level of soil moisture in a Hungarian vineyard, *Ádám Donkó, Hungarian Research Institute of Organic Agriculture (ÖMKI), HU*
 - Yields of different crops in an organic agroforestry system, *Klaus Wiesinger et al., Bavarian State Reseach Center for Agriculture (LfL), DE*
 - ECOBREED - Increasing the efficiency and competitiveness of organic crop breeding, *Vladimir Meglič et al., Agricultural Institute of Slovenia, SL*
- Empire Saal
- 5.2 Partnerships along the value chain II – Strengthening links across actors**
Chair: Christian Novak, *Bavarian State Reseach Center for Agriculture (LfL), DE*
- PROVE. Empowering local networks for a more sustainable future, *Daniela Craveiro et al., Instituto Universitário de Lisboa (ISCTE-IUL), PT*
 - De Voedseltuin, an Urban Food Garden in the Netherlands: evaluation of intersectoral cooperation, *Nina van der Vliet et al., National Institute for Public Health and the Environment (RIVM), NL*
 - Community financing in the German organic food sector - an alternative to traditional credit financing?, *Gerlinde Behrend et al., University of Applied Sciences for Sustainable Development Eberswalde (HNEE), DE*
- Moreau Saal
- 5.3 Fraud prevention and enhanced transparency**
Chair: Jiří Urban, *Central Institute for Supervising and Testing in Agriculture (UKZUZ), CZ*
- Fraud in organic agriculture – an introduction, *Toralf Richter, Research Institute for Organic Agriculture (FIBL Switzerland), CH*
 - Digitalization in organic trade in Ukraine as a key to improve transparency and integrity, *Mariia Makhnovets, Organic Trade from Ukraine, UA*



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- Enhanced fraud prevention through combining supply chain and satellite information – a pilot project for Kazakhstan, *Gerald A. Herrmann, Organic Services GmbH, DE*
- 12.30-14.00**
Gartensaal
14.00-15.30
Haydnsaal
- Lunch Break**
- Parallel Sessions VI**
- 6.1 Food quality, safety and nutrition**
Chair: Dagmar Janovská, *Czech Technology Platform for Organic Agriculture (CTPOA), CZ*
- Improving organic food integrity and quality management by better understanding the root causes of residue findings. – *The case of Ukraine, Toralf Richter, Research Institute for Organic Agriculture (FiBL Switzerland), CH*
 - Extending shelf life of organic beans, *Christina Vakali et al., Aegilops-network for biodiversity and ecology in agriculture, EL*
 - The content of bioactive compounds in the apples variety Gold Millennium[®] and in the apple polyphenolic preparations produced from these apples, *Ewa Rembiałkowska et al., Warsaw University of Life Sciences (SGGW), PL*
- Empire Saal
- 6.2 Consumers' perspectives and attitudes towards organics**
Chair: Anja Eichinger, *Research Institute for Organic Agriculture (FiBL Austria), AT*
- Organic - what consumers think, *Reinhard Gessl, Research Institute for Organic Agriculture (FiBL Austria), AT*
 - Organic Agriculture and Food Industry in Austria - attitudes, wishes, expectations and knowledge of young people and young adults, *Andreas Steinwider, Höhere Bundeslehr- und Forschungsanstalt Raumberg Gumpenstein, AT*
 - Organic or Local Food: Consumers' Attitudes and Preferences for Vouchers, *Iva Zvěřinová et al., Charles University, CZ*
- Moreau Saal
- 15.30-16.15**
Gartensaal
16.15-17:45
Haydnsaal
- 6.3 Poster Session II**
- Coffee Break**
- Scientific Conference Closing Session**
- Joanna Wierzbicka, *IFOAM EU, PL*
 - Viliami T Fakavā, *FAO, HU*
 - Andreas Kranzler, *Director FiBL Austria, AT*
- 18.00-21.00**
Kalandahaus
- Wine tasting and evening reception**



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9 November: ICOAS – Organic Policy Summit and Field Trips

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|---|---|
| 08.00-09.00
Reception and
Gartensaal | Registration, Welcome Coffee |
| 09.00-09.15
Haydnsaal | Opening of Organic Policy Summit
<i>Elisabeth Köstinger, Austrian Federal Minister for Sustainability and Tourism</i> |
| 09.15-10.30
Haydnsaal | Key Note Speakers (tbc) <ul style="list-style-type: none">• High-level speakers from EC and MS |
| 10.30-12.00
Haydnsaal | Panel Discussion (tbc) <ul style="list-style-type: none">• Panellists from local initiatives and international organisations |
| 12.00-13.30
Prunkräume | Lunch Break |
| 13.30-16.00 | Field trips ICOAS
Visit of two organic producers in the region (more details to come soon) |