The following companies kindly support ICOAS 2018:

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Foreword by Elisabeth Köstinger

Regionality, Quality and Sustainability

The fact that the sixth meeting of ICOAS (International Conference on Organic Agriculture Science) takes place in Austria emphasises that: ORGANIC has become more than a niche category, the ORGANIC trend has reached society as a whole and is playing an important ecological, economic and social role. Every fourth hectare is managed according to organic farming principles; slightly less than nine percent of the food sold are labelled “ORGANIC”. We owe this success not only to the commitment of farmers: Also quality-conscious consumers contribute to the continuously growing demand for organic products. Science, too, makes a valuable contribution: It promotes the continuous development of organic farming through new findings and innovative methods. ICOAS contributes actively to promoting research and innovation in organic agriculture and to strengthening it especially in Central and Eastern European countries. The conference aims to take targeted efforts to address stakeholders from the fields of economy, agricultural policy, advisory services and the practice in organic agriculture, thus fostering the exchange of knowledge and networking.

In this spirit, I wish the event every success and all participants a vivid exchange of precious know-how.

Elisabeth Köstinger
Federal Minister for Sustainability and Tourism

Foreword by Urs Niggli

Organic agriculture, agroecology, ecological intensification, and sustainable intensification are strategies for addressing the United Nations Sustainable Development Goals (SDG). Among those, organic agriculture is the best developed farming method, which is practiced today by 370,000 farmers in Europe and by 2.7 million worldwide.

Their experience is infinitely valuable for food production that operates safely within the planetary boundaries. Organic agriculture is the result of both the knowledge of experienced farmers and good, impartial science. Further improving the productivity and the social and environmental strengths of organic agriculture will continue to rely on both pillars. Therefore, we need more research activities at universities, state research centres, and private institutes, both basic and applied ones. And we need better knowledge exchanges, cooperation, and synergies. The big challenges of organic agriculture cannot be addressed by single researchers. Hence, the International Conference on Organic Agriculture Sciences (ICOAS) is an important hub for presenting significant research results that address all these challenges, especially in promoting dialogue among scientists from all parts of Europe.

Urs Niggli
Director Research Institute of Organic Agriculture (FiBL)
**General Information**

The main purpose of ICOAS is to share latest research results on organic agriculture in Central and Eastern Europe among scientists and other stakeholders. ICOAS, therefore, fosters the strong partnership across stakeholders in these countries. Knowledge dissemination and capacity building along the value chain in Central and Eastern European countries are the main focal point of ICOAS.

ICOAS 2018 will be opened by the Scientific Conference held 7 – 8 November. There, the latest research results in organic agriculture sciences and their practical implications will be explored. The Scientific Conference is an open forum for scientists to present and exchange their latest research results in diverse research areas – key topics include organic production and the development of local markets.

On 9 November the Organic Policy Summit – Innovationsforum Biolandwirtschaft will be held, together with the Austrian Federal Ministry for Sustainability and Tourism and the Austrian Rural Network. Elisabeth Köstinger, Austrian Federal Minister for Sustainability and Tourism, will open the Organic Policy Summit. Ms Köstinger invites participants to follow the lively discussions with high-level speakers on the ongoing developments of organic agriculture in Central and Eastern Europe.

On Friday afternoon (9 November) field trips to selected local producers and projects, giving insight into best practice examples, will complement the Scientific Conference and Organic Policy Summit.

**Organisers**

ICOAS 2018 is the sixth of its kind. After three Scientific Conferences on Organic Agriculture in Central and Eastern Europe held by the Czech Bioinstitute under the name Bioacademy in Lednice na Moravě and Prague, in 2012 organisers agreed to broaden the scope of the conference and launch an international scientific event for organic agriculture research located in Central and Eastern Europe. ICOAS 2013 was hosted in Hungary, followed by ICOAS 2015 in Slovakia.

For the first time ICOAS 2018 will be held in Austria. ICOAS 2018 is jointly organised by the Austrian Research Institute of Organic Agriculture (FiBL), Esterhazy Betriebe GmbH, the Austrian Federal Ministry for Sustainability and Tourism and the Austrian Rural Network. Eisenstadt, located in Eastern Austria is the perfect location for ICOAS – building a bridge between Central and East European countries.
The Research Institute of Organic Agriculture FiBL is one of the world’s leading institutes in the field of organic agriculture. FiBL’s strengths lie in its interdisciplinary research, innovations developed jointly with farmers and the food industry, and rapid knowledge transfer.

FiBL is an independent, non-profit, research institute with the aim of advancing cutting-edge science in the field of organic agriculture. FiBL’s research team works together with farmers to develop innovative and cost-effective solutions to boost agricultural productivity while never losing sight of environmental, health and socio-economic impacts.

FiBL has a highly competent staff with expertise in organic soil management, plant production, plant breeding, holistic animal health, animal ethology and organic animal breeding, in socioeconomics, in comprehensive analysis of the organic market, in organic food processing and production and in regional marketing and development.

Along with practical research, FiBL places a high priority to knowledge transfer into agricultural practice through advisory work, training courses and expert reports through many means of dissemination, including magazines, technical leaflets, reference books, video and internet. FiBL has offices in Switzerland, Germany, Austria, France, Brussels (FiBL Europe) and Hungary (ÖMKi) as well as numerous projects and initiatives in Europe, Asia, Latin America and Africa.

For four centuries, Esterhazy has been a most important economic force and vital catalyst for economic activity, particularly in the Pannonian region. The Group has always been, and will continue to be, highly diverse. The name Esterhazy stands for forestry and agriculture, but also nature conservation. Other highly diversified areas are also represented, such as property management and development in rural regions, and the preservation and valorisation of the region’s most important historical monuments. The use of these treasured monuments as a stage for numerous and multifaceted cultural events is an essential driver for tourism. What unites these diverse areas of activity across the company Group is the shared commitment to ensuring the highest quality at all levels of operations, and upholding deep-rooted values.
About the Federal Ministry Republic of Austria

Measured by the share of land under organic farming in the total cultivated area, Austria is Europe’s organic farming country number one.

Among others, the action programmes initiated by the BMNT, in particular those in the field of organic farming, have made Austria a pioneer: Austrian organic farms, areas under organic farming and sales of organic food are continuously rising. As an example, the area under organic farming has increased by about 22 percent over the past ten years and now covers 643,000 hectares. This means that every fourth hectare of agricultural land is managed according to organic farming principles.

The BMNT aims at further promoting the organic sector also in research – it is not without good reason that the BMNT’s largest agency, the Agricultural Research and Education Centre at Raumberg-Gumpenstein, is engaged in bio-research. In European research for example three European projects with a total volume of EUR 6.5 million have been implemented through co-financing from the BMNT (in the framework of the ERA-NET Core Organic Cofund).

Organising Committee
- Andreas Kranzler, FiBL, AT
- Lisa Haller, FiBL, AT
- Urs Niggli, FiBL, CH
- Markus Fritz, Esterhazy Betriebe GmbH, AT
- Kathrin Fuchs, BMNT, AT
- Sylvia Schindecker, LKÖ, AT
- Manuela Fratzl, NZR, AT
- Dóra Drexler, ÖMKi, HU
- Klaus Wiesinger, LfL, DE
- Jiří Urban, UKZUZ, CZ
- Michal Rzytki, Ministry of Agriculture and Rural Development, PL
- Magdalena Lacko-Bartošová, University of Agriculture in Nitra, SK

Research institutes:
- FiBL – Research Institute of Organic Agriculture
- ÖMKi – Research Institute of Organic Agriculture, Hungary
- BOKU – University of Natural Resources and Life Sciences, Austria
- Bioinstitut, o.p.s, Czech Republic
- CTPEZ/CTPOA – Czech Technology Platform for Organic Agriculture, Czech Republic
- University of Agriculture in Nitra, Slovakia
- LfL – Bavarian State Research Center for Agriculture, Germany

Associations and other organisations:
- LKÖ – Austrian Chamber of Agriculture
- NZR – Netzwerk Zukunftsräum Land – the Austrian Rural Network
- IDM – Institute for the Danube Region and Central Europe, Austria
- Bioselena – Foundation for Organic Agriculture, Bulgaria
- BioEAST, Hungary
- IFOAM EU

The following partner organisations kindly support ICOAS 2018

Governmental institutions:
- BMNT – Federal Ministry for Sustainability and Tourism, Austria
- Ministry of Agriculture and Rural Development, Poland
- Ministry of Agriculture, Hungary
- UKZUZ – Central Institute for supervising and testing in agriculture, Czech Republic

Federal Ministry Republic of Austria Sustainability and Tourism

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Practical Information

During the duration of the conference, the conference office is open and we are happy to assist you in case you have any questions. You can find the conference office next to Haydnsaal, at the reception (registration desks).

General opening hours:
- Wednesday, 7 November: 08.00 – 18.00
- Thursday, 8 November: 08.00 – 18.00
- Friday, 9 November: 08:00 – 14:00

Internet access
In the conference venue there is free WiFi-Access. Please login at the hotspot: Esterhazy18
No password is required.

Delegate identification
Admission to scientific sessions and other events is permitted only to those wearing the official Conference badge, which participants receive upon registration.

Languages
The official language of ICOAS is English. During the Organic Policy Summit translation will be provided.

Emergency Number
For ambulance and police: 112

Registration fees
On-site registration fees are the following: € 350.– for delegates and € 100.– for students.
The registration fee for participants and students includes the following services:
- Unlimited access to all sessions and the poster area
- Coffee, tea and soft drinks during morning coffee and coffee breaks
- Lunches
- Tasting of local delights (7 November)
- Printed copy of the program and the Book of Abstracts
- Conference bag and badge
- Organic Policy Summit – Innovationsforum Biolandwirtschaft (9 November): participation is free, but registration is required.

Not included in the registration fees are:
- Guided Palace tour (7 November): € 9.– /person, please register at the registration desk
- Wine tasting and evening reception (8 November): € 20.– /person
- Field trips (9 November, afternoon): € 20.–/person

Parallel Sessions
During the Scientific Conference parallel sessions will be held in:
- Haydnsaal
- Empire Saal
- Moreau Saal

You can choose according to your interest which sessions you wish to attend. Please check the detailed programme to make your choice.
Field trips
Field trips to selected local producers, giving insights into best practice examples, will be held Friday afternoon (9 November). Field trips are optional and are not included in the conference registration fees.
• Costs: € 20.– /person extra. Upon registration you were given a voucher. Please show it to the staff when entering the bus.
• In case you have not registered and wish to attend, please contact the conference office (at the registration desks) to check for vacant places
• Meeting point: Friday (9 November) at 13.30 in the yard of Esterhazy Palace (downstairs)
• Return: approximately 18.00 at Esterházy Palace

Please see the detailed programme for more information on the destinations of the field trip.

Bank and currency exchange
The local currency is the Euro (€). Notes are in denominations of €: 500, 200, 100, 50, 20, 10, 5.

Delegates may change foreign currency and travellers’ cheques at the airport upon and at several banks located in Eisenstadt, or in most of hotels. International credit cards are accepted for payment in hotels, restaurants, and shops. Credit and debit cards can be used to withdraw money from ATMs.

Any on-site payment for ICOAS can only be done in cash!

Practical Information for presenters

Oral Presenters
• If you wish to use slides during your presentation, make sure you save the presentation on the conference laptop in the room of your session (cf. detailed programme).
• Please name your presentation as follows: SessionNumber_LastName.ppt (e.g. 1_1_Name.ppt).

Presenters of Poster
• Please bring your poster to either Empire Saal (2.2, Poster Session I) or Moreau Saal (6.3, Poster Session II) on Wednesday morning (7 November). Please mount your poster at the designated frame (cf. number of your poster in the poster list). The posters will be displayed during the entire conference.

In case of urgent questions, please contact the conference office (registration desks) or call +43 (0) 1 907 6313 25.
Social events

Guided Palace tour
On Wednesday (7 November, 19:00) you have the opportunity to join a guided palace tour. The palace tour shows the magnificent apartments of the Esterházy wives and provides a glimpse into the lives and worlds of three charismatic ladies. Meet personalities from the past and discover the fascinating and moving stories of their loves, marital bliss and troubles. The palace chapel and the Haydnsaal – world-famous for its acoustics – are further highlights of this tour.

- **Costs:** € 9.–/person
- Please [register and pay for the tour](#) at the registration desk (outside Haydnsaal). Places are limited and will be allocated on a “First come, first served”-basis.
- **Meeting point:** Wednesday (7 November) at 19:00 at the registration desks.
- **Approximate duration:** 50 minutes

Tasting of local delights
On Wednesday (7 November, 18:00) we would like to invite you to a delicious tasting of local delights at the Gartensaal (next to Haydnsaal). Join us with some local organic food and wine.

Wine tasting and evening reception
On Thursday (8 November, 18:00) we would be honored to welcome you at picturesque Kalandahaus for a wine tasting and evening reception. The evening reception is optional and is not included in the conference registration fees.

- **Costs:** € 20.–/person extra. Upon registration you were given a voucher. Please show it to the staff when entering the bus.
- In case you have not registered and wish to attend, please contact the conference office (at the registration desks) to check for vacant places
- **Meeting point:** Thursday (8 November) at 18:00 in the yard of Esterhazy Palace (downstairs)
- **Return:** approximately 22:00 – 23:00 to Eisenstadt
Scientific Conference, Day 1

08:00 – 09:00  Registration, Welcome Coffee
Reception & Gartensaal

09:00 – 09:30  Opening of ICOAS
Haydnsaal

09:30 – 10:30  Key Note Speakers
Haydnsaal
- Anette Schneegans, European Commission DG AGRI
- Alfred Grand, Organic Farmer and Director Vermigrand

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, Bavarian State Research Center for Agriculture (LfL), DE
  - Linking mulch application and fertilization with organic soybean and buckwheat production, Srdjan Šeremešić, University of Novi Sad, RS
  - Efficacy of different mechanical impacts on weed growth, Arnd Verschwele, Julius Kühn-Institut (JKI), DE
  - Development and performance of new maize populations, selection method and progress, Barbara Eder, Bavarian State Research Center for Agriculture (LfL), DE

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, Hungarian Research Institute of Organic Agriculture (ÖMKi), HU
- Organic wild plant commercialization as a deepening form of farm diversification in Austria, Christoph Schunko, 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, Research Institute of Organic Agriculture (FiBL), CH

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, Research Institute of Organic Agriculture (FiBL), AT
- Reducing particle length of the forage improves feed utilization efficiency in organic dairy cows, Andreas Haselmann, 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 Weisshaidinger, Research Institute of Organic Agriculture (FiBL), AT

Lunch Break

Parallel Sessions II

1.2.1 Pathways to phase-out contentious inputs
Chair: Ulrich Schmutz – Coventry University, UK
• Replacement of Contentious Inputs in Organic Farming Systems (RELACS) – a comprehensive Horizon 2020 project, Veronika Maurer, Research Institute of Organic Agriculture (FiBL), CH
• Pathways to phase-out contentious inputs from organic agriculture in Europe – Research overview and preliminary results, Ulrich Schmutz, Coventry University, UK
• Lessons learned from phase-outs – the case of the peat phase-out in the United Kingdom, Judith Conroy, Coventry University, UK

15:30 – 16:15
Coffee Break

16:15 – 17:45
Parallel Sessions III

3.1 Phytosanitary issues in organic farming
Chair: Daniel Lehner, Höhere Bundeslehr- und Forschungsanstalt Raumberg Gumpenstein, AT
• Effects of earthworms and cover crops on plant pathogenic fungi Sclerotinia sclerotiorum, Pia Euteneuer, 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, 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, Bavarian State Research Center for Agriculture (LfL), DE

3.2 Sustainability assessment
Chair: Dóra Mészáros, Research Institute of Organic Agriculture (ÖMKI), HU & Rainer Weisshaidinger, Research Institute of Organic Agriculture (FiBL), AT
• Sustainability assessment of organic dairy farms in mountainous areas of Austria, Rainer Weisshaidinger, Research Institute of Organic Agriculture (FiBL), AT

• Organic farming development in Latvia: perspectives and limitations, Ligita Melece, Institute of Agricultural Resources and Economics, LV
• Organic, local fruit and vegetables – strengthening links between consumers and producers across Europe, Iva Zvěřinová, Charles University, CZ
Scientific Conference, Day 2

08:00 – 09:00
Registration, Morning Coffee

09:00 – 10:30
Parallel Sessions IV

08:00 – 09:00
Reception & Gartensaal

09:00 – 10:30
Haydnsaal

4.1 Sustainable production forms
Chair: Stefan Vetter, Federal Ministry for Sustainability and Tourism (BMNT), AT
- Biodiversity performance of organic farms in Austria – results from eight years of biodiversity assessment, Thomas Drapela, Research Institute of Organic Agriculture (FiBL), AT
- Is bio-certification of subsistence farms a good strategy to conserve traditional landscapes and biodiversity? A case study from Transylvania, Romania, Laszlo Rákosy, Babes-Bolyai University, RO
- Four years of model organic regions in Bavaria – an interim report and first results, Christian Novak, Bavarian State Research Center for Agriculture (LfL), DE
- The Roller-Crimper method. Regenerative Organic No-Till, Alfred Grand, Vermigrand

4.2 Partnerships along the value chain I – Sustainable supply chains
Chair: Isabella Gusenbauer, Research Institute for Organic Agriculture (FiBL), AT
- Regional and supra-regional market relations of dairy farms in two Austrian regions, Ruth Bartel-Kratochvil, Research Institute of Organic Agriculture (FiBL), AT

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, Research Institute of Organic Agriculture (FiBL), AT
- Capacity development strategy to promote organic sector development in Ukraine – the experience with the Leader Approach, Tobias Eisenring, Research Institute of Organic Agriculture (FiBL), 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
4.3 Better knowledge transfer and dissemination across all stakeholders in organic agriculture

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

- Knowledge transfer in organic farming in Estonia, Elen Peetsmann, Estonian University of Life Sciences, EE
- Low Input dairy farming in Austria – Experiences from training courses and results of participating farmers, Andreas Steinwidder, Höhere Bundeslehr- und Forschungsanstalt Raumberg Gumpenstein, AT
- Pleasurable Cooking Lessons work! Findings from the Pilot Phase of Schule des Essens (School of Eating), Theres Rathmanner, Research Institute of Organic Agriculture (FIBL), AT

5.2 Partnerships along the value chain II – Strengthening links across actors

Chair: Milan Ščasný & Iva Zvěřinová, Charles University, CZ

- PROVE. Empowering local networks for a more sustainable future, Daniela Craveiro, Instituto Universitário de Lisboa (ISCTE-IUL), PT
- Intersectoral Cooperation of an Urban Food Garden in the Netherlands, Nina van der Vliet, 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 Behrendt, University of Applied Sciences for Sustainable Development Eberswalde (HNEE), DE

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), CH
- Digitalization in organic trade in Ukraine as a key to improve transparency and integrity, Mariia Makhnovets, Organic Trade from Ukraine, UA
• 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
Lunch Break

14:00 – 15:30
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), CH

• Extending shelf life of organic beans, Christina Vakali, Aegilops-network for biodiversity and ecology in agriculture, EL

• The content of bioactive compounds in the apple variety Gold Millennium® and in the apple polyphenolic preparations produced from these apples, Ewa Rembiałkowska, Warsaw University of Life Sciences (SGGW), PL

6.2 Consumers’ perspectives and attitudes towards organics

Chair: Anja Eichinger, Research Institute for Organic Agriculture (FiBL), AT

• Organic – what consumers think, Reinhard Geßl, Freiland Verband, AT

• Organic Agriculture and Food Industry in Austria – attitudes, wishes, expectations and knowledge of young people and young adults, Andreas Steinwidder, Höhere Bundeslehr- und Forschungsanstalt Raumberg Gumpenpost, AT

• Organic or Local Food: Consumers’ Attitudes and Preferences for Vouchers, Iva Zvěřinová, Charles University, CZ

Moreau Saal

15:30 – 16:15
Coffee Break

16:15 – 17:45
Scientific Conference Closing Session

• Joanna Wierzbicka, IFOAM EU, PL

• Jiří Urban, UKZUZ, CZ (tbc)

• Andreas Kranzler, Director FiBL, AT

18:00 – 22:00
Wine tasting and evening reception

A shuttle between the conference venue and Kalandhaus will be provided.
Organic Policy Summit – Innovationsforum Biolandwirtschaft and Field Trips, Day 3

Moderator: Gerald Groß

08:00 – 09:00
Registration, Welcome Coffee
Reception & Gartensaal

09:00 – 09:15
Opening of Organic Policy Summit
Haydnssaal
Elisabeth Köstinger, Austrian Federal Minister for Sustainability and Tourism

09:15 – 10:30
Key Note Speakers (tbc)
High-level speakers from EU member states and European Institutions
Haydnssaal

10:30 – 12:00
Panel Discussion
Haydnssaal
- Michael Blass, Director Agrarmarkt Austria Marketing GmbH
- Gertraud Grabmann, Organic Farmer, President of Bio Austria
- Jiří Lehejček, Board Vice President of IFOAM-EU
- Barna Kovács, Counsellor of BIOEAST Secretary
- Andreas Kranzler, Director FiBL Austria
- Theresia Neuhofer, Organic Farmer, Chairwoman of the Austrian’s Chamber of Agriculture Committee on Organic Farming

12:00 – 13:30
Lunch Break
Prunkräume

13:30 – 16:00
Innovationsforum Biolandwirtschaft
Moreau Saal
Weißer Saal
(in German)

13:30 – 18:00
Field trips ICOAS
Haydnssaal
Please see page 36/37 for more informations.

Innovationsforum Biolandwirtschaft
Innovationsforum Biolandwirtschaft (9 November, afternoon) is held in German

Hintergrund und Ziel der Veranstaltung

Programm:
12:00-13:20: Poster Session aktueller BioForschungsergebnisse und Diskussionsthemen
Poster Session I

P1 Characterization and participatory evaluation of Greek tomato heritage varieties for organic farming
Avdikos, I. et al., AEGILOPS, Greek Network for Biodiversity and Ecology in Agriculture, GR

P2 Effects of different farming systems on soil P in four regions of Germany
Chmelikova, L. et al., Technical University of Munich, DE

P3 Comparison of two specific treatments in the Hungarian on-farm research program for varroa control in organic beekeeping
Csáki, T. et al., Hungarian Research Institute of Organic Agriculture (ÖMKi), HU

P4 Approaches to hop agrotechnics in organic farming in the Czech Republic
Donner, P. et al., Hop Research Institute Co., Ltd., CZ

P5 FARMER’S PRIDE: enhancing in situ conservation of plant genetic resources in Europe
Fehér, J. et al., Hungarian Research Institute of Organic Agriculture (ÖMKi), HU

P6 Certification of green inputs for livestock production
Fernández-Blanco Barreto, A.M. et al., Livestock Inputs Department, CAAE Certification Service, ES

P7 Implementing and fostering capacity building processes on sustainable agriculture in indigenous communities in the upper Baram (Sarawak, Malaysia)
Kaser, A. et al., Research Institute of Organic Agriculture (FiBL, AT), AT
Poster Session II

P14 Rotational no-till vs. reduced soil tillage cultivation in organic soybean
Blankenhorn, B. et al., University of Natural Resources and Life Sciences Vienna (BOKU), AT

P15 Agronomic performance of winter wheat in organic on-farm variety trials in Hungary
Drexler, D. et al., Hungarian Research Institute of Organic Agriculture (ÖMKi), HU

P16 Competition and productivity in organic oats-forage legumes cropping system,
Gecaite, V. et al., Lithuanian Research Centre for Agriculture and Forestry, LT

P17 Bioaccumulation of essential and toxic elements in two species of alternative small grains in organic farming
Gršić, N. et al., University of Belgrade, RS

P18 Experiments of variety tests and seed-and soil treatment in organically cultivated soybean (glycine max (l.) Merril.)
Hunyadi, É. et al., Hungarian Research Institute of Organic Agriculture (ÖMKi), HU

P19 Impact of roasting on the phenolic profiles, anti-oxidant and metabolic syndrome-related enzymes modulatory activities of Sorghum bicolor grain
Irondi, E.A. et al., Kwara State University, NG
P20 Herbicidal Potentials of Three Botanicals in Cowpea Field in Oyo State, Nigeria
Isienyi N. et al., Bioscience, Forestry Research Institute of Nigeria, NG

P21 On the suitability of different grain legume species for organic fodder production in Luxembourg and Germany regarding to their nutritive and antinutritive ingredients
Keßler, S. et al., Institut fir biologisch Landwirtschaft an Agrarkultur Luxemburg (IBLA) a.s.b.l., LU

P22 Effect of different mulching systems on the generative product and soil temperature of organically grown strawberry
Király, I. et al., John von Neumann University, HU

P23 Microbes and meat bone meal fertilization: effects on oat, barley, lettuce and ray grass yields
Kivelä, J. et al., University of Helsinki, FI

P24 Variety assessment with multicopter in on-farm winter wheat trials
Kovács, T. et al., Hungarian Research Institute of Organic Agriculture (ÖMKi), HU

P25 Sustainable control of oriental fruit moth, Cydia molesta Busck and peach twig borer Anarsia lineatella Zell. by using Cidetrak® OFM/PTB MESO™ pheromone dispensers
Kutinkova, H. et al., Fruit Growing Institute, BG

P26 Phenolic acids composition of organically grown einkorn, emmer and spelt
Lacko-Bartošová M. et al., Slovak University of Agriculture in Nitra, SK

P27 LeguTec – Mechanical weed control in soybean cultivation in Luxembourg
Leimbrock, L. et al., Institut fir biologisch Landwirtschaft an Agrarkultur Luxemburg (IBLA) a.s.b.l., LU

P28 Effects of foliar spraying with a Scenedesmus obtusiusculus-based microbial product on growth, yield and stress tolerance of organically grown strawberry
Mihálka, V. et al., John von Neumann University, HU

P29 Determining white clover leaf mass yield and ratio of a range of cultivars and successive cuttings
Paczkowski A. et al., Bavarian State Research Center for Agriculture (LfL), DE

P30 Impact of winter cover crops on soil quality and weeds in organic cropping systems
Talgre, L. et al., Estonian University of Life Sciences, EE

P31 Effects of two seeding dates on the performance of grass-clover leys
Urbatzka, P. et al., Bavarian State Research Center for Agriculture (LfL), DE

P32 Impact of legume crops on a subsequent pea crop in soils affected by legume yield depression syndrome
Winterling, A. et al., Bavarian State Research Center for Agriculture (LfL), DE

P33 Interactions of weeds and cover crops and their relations to management
Wolfrum, S. et al., Technical University of Munich, DE
Field Trips

- Please show your voucher received upon registration when entering the bus.
- Meeting point: Friday (9 November) at 13.30 in the yard of Esterházy Palace (downstairs)
- Return: approximately 18.00 at Esterházy Palace
- Please sign up at the registration desks for one of the two groups

Group I
Seehof PAN NATURA, Donnerskirchen
Around 5,600 hectares of the Esterházy estate are used for agriculture. A large part of the land is either in or directly adjacent to environmentally sensitive areas such as the Neusiedler See-Seewinkel National Park, nature reserves or Natura 2000 areas. Esterházy is aware of its ecological responsibility and was one of the first of the “big” estates to switch all of its own-run areas entirely to organic farming back in 2002. The organic Esterházy estate produces high-quality agricultural products from the region for the region. Diverse crop rotation, a total absence of agricultural chemicals as well as closed nutrient cycles are the main priorities.

Private Brewery Golser, Gols
Using highly developed equipment the family driven brewery „Privatbrauerei Gols” brews best pannonian beers in the village of Gols / Burgenland. Head brewer and owner Markus Sautner keeps the business regional and quality-oriented. The brewery offers 6 different beer styles permanently and creates specialties using domestic ingredients like chestnuts or herbs.

Group II
SAATBAU – Organic farm Pöttelsdorf
In cooperation with SAATBAU LINZ organic seed has been propagated since 1995 at this location. The Pannonian dry climate is a big advantage. Currently, 9,000 – 10,000 t of raw materials for organic seeds, organic cereals and organic soybeans are taken over and processed on this site.

Vitakorn, Pöttelsdorf
Vitakorn Biofuttermittel GmbH was founded in 1999 as the first feed mill in Europe that was certified and continuously controlled 100% organic. The company works in three areas of operations: Feed production, oil mill and grain trading, with a turnover of more than € 17 million. Vitakorn has ten employees and is a strong regional business partner of tillers and livestock owners.
Invited Speakers

Urs Niggli
Director FiBL
Urs Niggli has been Director of the Research Institute of Organic Agriculture (FiBL) in Switzerland since 1990. He is an honorary professor at the University of Kassel in Germany, where he teaches organic farming policy and research strategy in the EU. He was appointed as an honorary PhD by the University of Life Sciences in Tartu, Estonia. His professional background consists of an MSc and a PhD in plant production. He serves on boards of national, European, and international committees for research, agro-ecology, sustainability, and organic farming.

Annette Schneegans
European Commission
Annette Schneegans is Research Programme Officer at Directorate Agriculture and Rural Development of the European Commission. She works in the unit Research and Innovation which is responsible for agricultural research under Horizon2020. Her current portfolio covers the strategic programming, cooperation and monitoring of activities in the wider area of crop production, soils and crop focused farming systems. Previously, Annette Schneegans was responsible for Marie Curie Actions in the area of Life Sciences. Annette Schneegans has an academic background and professional experience in agriculture and specialised on crop production and plant nutrition. She trained as an agricultural engineer and acquired a master in international agricultural development.

Alfred Grand
Vermigrand
Alfred Grand is an Austrian organic farmer and entrepreneur (www.vermigrand.com). His arable field farm is a research farm (GRAND_FARM). Alfred is active in three EIP-Agri focus groups and also in Horizon2020 projects. Together with Rodale Institute from Pennsylvania USA, he is founding the RODALE INSTITUTE EUROPE at GRAND_FARM, which will be the center for activities all over Europe.

Joanna Wierzbicka
IFOAM EU
Joanna Wierzbicka is the manager of the IFOAM EU capacity-building program, which aims at improving representation and advocacy capacity of organic stakeholders in Central and Eastern Europe (CEE). The program facilitates the engagement of CEE stakeholders in IFOAM EU policy work as well as raising IFOAM EU profile in that region.

Andreas Kranzler
FiBL Austria
Andreas Kranzler is the cofounder of FiBL Austria and has been its director since its establishment in 2004. As biologist by professional training, his main focal area is organic crop production. In addition his activities include knowledge transfer and dissemination as well as consulting.