

IFSA 2018 Symposium Draft Session Programme

Monday, July 2nd, 2018

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **Livestock/dairy**

Room 1; **Monday, July 2 | 11:00-12:30**

Chair **Eelke Wielinga**

- **Livestock farming systems and society: identification and analysis of key controversies from the perspective of different stakeholders**
Elsa Delanoue, Anne-Charlotte Dockès, Christine Roguet
- **Alternative trajectories of dairy farmers reveal their embeddedness in the mainstream dairying and articulation with structural dynamics**
Véronique De Herde, Philippe V. Baret
- **Forms of territorial embeddedness in dairy value chains. Case of the Chartreuse massif (French Alps): geographical and historical perspectives**
Sophie Madelrieux, Agnès Bergeret, Laurent Fillion
- **The Kenyan dairy sector: stakeholder roles and relationships, and their impact on milk quality**
Simon Nyokabi, Simon Oosting, Bockline Bebe, Lisette Phelan, Bernard Bett, Johanna Lindahl, Imke de Boer

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **The role of Localised AgriFood Systems and place-based products in the transition pathways towards sustainable agrifood systems: LAFs and territorial resources**

Room 2; **Monday, July 2 | 11:00-12:30**

Chair

- **Collective (family) human capital and transition towards multifunctional agriculture in localized agrifood systems**
Luigi Simeone, Luca Bartoli, Marcello De Rosa
- **How does decentralization of pasture management affect the local communities? Evolution and perspectives from Southeast Albania**
Florjan Bombaj, Dominique Barjolle, François Casabianca, Theodosia Anthopoulou
- **Integrated supply-chain projects and multifunctional local development: The creation of a Perfumes Valley in Tuscany**
Silvia Scaramuzzi, Giovanni Belletti, Paola Biagioni
- **By-products from raising small ruminants: an analysis based on the “baskets of goods” theory – A comparative study of Corsica, Sardinia and Morocco**
Nicolas Lacombe, François Casabianca

Theme 3 **Integrating science, technology, policy and practice**

Session Title **Co-production approaches I**

Room 3; **Monday, July 2 | 11:00-12:30**

Chair

- **Integrating social science and agricultural practice through serious gaming – perspectives on benefits and challenges**
Therese Asplund, Tina-Simone Neset, Janina Käyhkö, Lotten Wiréhn, Sirkku Juhola
- **Participatory socio-economic scenario development for land use change: a methodological approach**
Rike Stotten, Markus Schermer, Ulrich Strasser, Gertraud Meißl, Thomas Marke, Kristian Förster, Herbert Formayer
- **The potential of digital platforms to facilitate the diffusion of diversification strategies in agriculture**
Emilia Schmitt, Seraina Schwab, Fabienne Vukotic, Isabel Jaisli
- **Facilitating the collaboration of practitioner and scientific knowledge: experiences from an Australian action research intervention**
Jana-Axinja Paschen, Jim Shovelton, Andrea Evers, Carole Hollier, Ruth Nettle, Margaret Ayre, Barbara King, Nicole Reichelt

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Advisory services and farmers' decision making: Better understanding farmers' decision making**

Room 4; **Monday, July 2 | 11:00-12:30**

Chair **Pierre Labarthe**

- **Using the Theory of Planned Behaviour framework to understand Tasmanian farmer decision making and adoption of pasture management practices to inform future extension**
Allison Hall, Lydia Turner, Sue Kilpatrick
- **Advisory role in farmers' micro systems of agricultural knowledge and innovation (microAKIS)**
Pierre Labarthe, Lee-Ann Sutherland, Boelie Elzen, Anda Adamson-Fiskovica
- **Motivations for Swiss lowland farmers to conserve biodiversity: Can individual beliefs be influenced by on-farm advice?**
Vanessa Gabel, Robert Home, Matthias Stolze, Lukas Pfiffner, Simon Birrer, Ulrich Köpke
- **Nutrient management planning and water protection efficiency: examining the farmers' attitudes towards using soil testing as a nutrient management tool**
Evgenia Micha, John Lynch

Theme 1 Learning and knowledge systems, education, extension and advisory services

Session Title **Learning, participatory methods, system thinking, design: AKIS design**

Room 5; **Monday, July 2 | 11:00-12:30**

Chair **Chris Blackmore**

- **Developing learning systems for addressing uncertainty in farming, food and environment: what has changed in recent times?**
Chris Blackmore, Nadarajah Sriskandarajah, Ray Ison
- **Learning from the developmental history of sustainable farming initiatives**
Laure Triste, Joke Vandenabeele, Ludwig Lauwers, Fleur Marchand
- **Agroecological transition: human skills and social life matter for local actors**
Gwen Christiansen, Jean Simonneaux, Laurent Hazard
- **Reaping the rewards of learning within agricultural knowledge systems: An account of a PhD learning system**
Catherine Seale, Andy Lane, Chris High, Áine Macken-Walsh, Martin Reynolds

Theme 2 Agroecology and new farming arrangements

Session Title **Farming system transitions to balance food production and sustainability: Perspectives from farm to landscape scale, actors and land use, drivers and constraints**

Room 6; **Monday, July 2 | 11:00-12:30**

Chair **Katharina Schmidt**

- **Assessing sustainable intensification at landscape scale: four case studies in Europe**
Etienne Polge, Marta Debolini
- **Streamlining transition towards Sustainable Intensification: The role of societal context and knowledge brokerage**
Katharina Schmidt, Lorena Tudela Marco, Anita Beblek
- **Farmers' choices of adopting and coupling strategies of sustainable intensification – Evidence from European farm level data**
Meike Weltin, Ingo Zasada

Theme 5 Sustainable agrifood systems, value chains and power structures

Session Title **Transition pathways**

Room 1; **Monday, July 2 | 13:00-14:30**

Chair **Ika Darnhofer**

- **Power and politics in agri-food sustainability transitions**
Hamid El Bilali, Michael Hauser, Maria Wurzinger, Andreas Melcher, Lorenz Probst
- **Creating the conditions for a transition towards more sustainable farming systems: a participatory approach with prospective scenarios**
Clémentine Antier, Timothée Petel, Philippe V. Baret
- **New local food systems in the Andes and their contribution to recognition**

of peasantries: the case of community baskets and citizen markets in the province of Chimborazo, Ecuador

Claire Heinisch

- **Transforming agri-food systems for Agroecology development: exploring conditions of success in European case studies**

Marc Moraine, Sarah Lumbroso, Xavier Poux

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **The role of Localised AgriFood Systems and place-based products in the transition pathways towards sustainable agrifood systems: Interaction between LAFS and GI place-based productions**

Room 2; **Monday, July 2 | 13:00-14:30**

Chair

- **Localized AgriFood Systems dynamics and Geographical Indications as ways to reinforce food systems' sustainability? Case studies in Mongolia and Peru**

Stéphane Fournier, Blandine Arvis, Fanny Michaud

- **Are geographical indications heading towards more environment-friendly Product Specifications? An analysis of PDO-PGI amendments in the fruit and vegetable sector**

Xiomara F. Quinones-Ruiz, Hanna Forster, Andrea Marescotti, Marianne Penker, Giovanni Belletti, Silvia Scaramuzzi, Kristina Broscha, Christine Altenbuchner

- **Protected Designation of Origin and spatial justice. Insights from Ossau-Iraty (French Pyrenees) and Brocciu (Corsica Island)**

Morgane Millet, François Casabianca

Theme 3 **Integrating science, technology, policy and practice**

Session Title **Co-production approaches II**

Room 3; **Monday, July 2 | 13:00-14:30**

Chair

- **Using a co-innovation approach to accelerate the development of dairy sheep enterprises in New Zealand**

David Stevens, Linda Samuelsson, Sue McCoard, Li Day, Wayne Young, Natalie Bartlett, William Konui, Peter Gatley, Nick Hammond, Thomas MacDonald, Miles King, Jazz Hewittson

- **Agricultural knowledge and systems in Basilicata, southern Italy: key actors and implementation of dialogue**

Maria Assunta D'Oronzio, Giuseppina Costantini

- **Evaluating interactive innovation processes: towards a developmental-oriented analytical framework**

Simona Cristiano, Patrizia Proietti

- **The implementation of vine varieties testing in Languedoc: a watershed in the production of knowledge?**

Sophie Tabouret

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Advisory services and farmers' decision making: Pluralistic advisory systems and farmers' decision making**

Room 4; **Monday, July 2 | 13:00-14:30**

Chair **Ruth Nettle**

- **Assessment of pluralistic advisory services: A case of Madhupur Sal forest in Bangladesh**
Khondokar Humayun Kabir, Andrea Knierim, Ataharul Huq Chowdhury
- **Knowledge and innovation in the agrifood supply chain: Old metaphors and new research directions**
Evangelos D. Lioutas, Chrysanthi Charatsari, Marcello De Rosa, Giuseppe La Rocca
- **The advisory and extension system in Australia: Opportunities for strength in pluralism**
Ruth Nettle, Margaret Ayre, Barbara King, Nathan La, Jana-Axinja Paschen, Nichole Reichelt, Erin Smith
- **Financial literacy in rural areas of Kazakhstan – determinants and characteristics**
Sholpan Gaisina

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Learning, participatory methods, system thinking, design: New roles of extension & research**

Room 5; **Monday, July 2 | 13:00-14:30**

Chair **Thomas Aenis**

- **A device for sharing knowledge and experiences on experimental farm station to sustain the agroecological transition**
Juliette Anglade, Matthieu Godfroy, Xavier Coquil
- **Assessing the role of the research in the transition to organic farming by using the Actor Network Theory: lessons from two case studies in France and Bulgaria**
Sylvain Quiédeville, Petya Slavova, Jean-Marc Touzard, Dominique Barjolle
- **Transforming higher education: How universities can engage with stakeholders**
Maria Wurzinger, Gustavo Gutierrez, Carlos Gomez, Hernán Cucho, Liliana Picardi, Graciela Nievas, Juan Pablo Gutierrez, Frederic Lhoste

Theme 2 **Agroecology and new farming arrangements**

Panel Session Title **Farm and land system dynamics in the Mediterranean basin**

Room 6; **Monday, July 2 | 13:00-14:30**

Chair **Marta Debolini & Elisa Marraccini**

Panelists: Johanna Fusco, Olga Moreno Perez, Sylvie Lardon

External discussants: Rosalia Filippini, Esther Sanz Sanz

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **Organic farming**

Room 1; **Monday, July 2 | 16:00-17:30**

Chair **Ika Darnhofer**

- **Participatory guarantee systems: organic certification to empower farmers and strengthen communities**
Robert Home, Hervé Bouagnimbeck, Roberto Ugas, Markus Arbenz, Matthias Stolze
- **How to influence the change in scale of organic agriculture when you are not in the driver's seat? The case of the French National Federation of Organic Farming**
Quentin Chance, Ronan Le Velly, Frédéric Goulet
- **Which type of institution is able of initiating a sustainable change of paradigm in agrifood systems? A reflection based on the research in organic farming in Wallonia**
Julie van Damme, Marie Moerman

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **The role of Localised AgriFood Systems and place-based products in the transition pathways towards sustainable agrifood systems: GI evaluation from a sustainable development point of view**

Room 2; **Monday, July 2 | 16:00-17:30**

Chair

- **The key role of Geographical Indications in the governance of 'terroir niches'. Insights from three Corsican case studies**
Raphael Belmin, François Casabianca
- **Economic impacts of Geographical Indications: Worldwide evidences from 9 case studies**
Emilie Vandecandelaere, Catherine Teyssier, Dominique Barjolle, Stéphane Fournier, Philippe Jeanneaux, Olivier Beucherie
- **Geographical indications to enhance the value chain of agricultural and agri-food products in Benin: Sugar loaf pineapple and Wagashi case**
Adégnandjou Mahouna Roland Fadina, Dominique Barjolle

Theme 3 **Integrating science, technology, policy and practice**

Session Title **Management approaches for resilient and sustainable farming**

Room 3; **Monday, July 2 | 16:00-17:30**

Chair

- **Individual preferences and public incentives: What agro-environmental scheme for grassland restoration by farmers? The case if the Normandy region in France**
Marie Asma Ben Othmen
- **Making smallholder farming systems in Nigeria sustainable and climate smart**
Oreluwa Akano, Sinah Modirwa, Azeez Yusuf, Oladimeji Oladele

- **Understanding and changing farming and food & fiber systems. The organic cotton case in Mali and West Africa**
Gian L. Nicolay
- **Developing strategies for different systems of small ruminant production based on farmers' perceptions of change**
Mabelle Chedid, Katharina Diehl, Shadi Hamadeh

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Advisory services and farmers' decision making: From inventors to social media: new forms of decision making challenge advisory services**

Room 4; **Monday, July 2 | 16:00-17:30**

Chair **Annemarieke de Bruin**

- **An investigation of social media's roles in knowledge exchange by farmers**
Tom Phillips, Laurens Klerkx, Marie McEntee
- **Innovating in context: social learning and agricultural innovation**
Annemarieke de Bruin, Jonathan Ensor
- **Farmers doing it for themselves: how farmer-inventors are frustrated by their interactions with the Agricultural Knowledge and Innovation System**
Trish O'Flynn, Áine Macken-Walsh, Andy Lane, Chris High
- **Constraints to liquid fertilizer usage in dry season vegetable production in the Southern Guinea Savannah Zone of Nigeria**
Ivie Olaghere, Abdulazeez Muhammad-Lawal, Kemi Omotesho

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Learning, participatory methods, system thinking, design: Learning towards Agro-ecological Transition**

Room 5; **Monday, July 2 | 16:00-17:30**

Chair **Thomas Aenis**

- **Farmers' involvement in collective experimental designs in a French region, Rhône-Alpes. How do they contribute to farmers' learning and facilitate the agroecological transition?**
Mireille Navarrete, Hélène Brives, Maxime Catalogna, Lucie Gouttenoire, Claire Heinisch, Claire Lamine, Emilie Ollion, Sylvaine Simon
- **SEGAE: a serious game project for agroecology learning**
Olivier Godinot
- **Using the concept of ecosystem services to foster social learning for concerted management of social ecological system: preliminary results from a case study in Mont Lozère, France**
Clémence Moreau, Cécile Barnaud, Raphaël Mathevet

Theme 2 **Agroecology and new farming arrangements**

Session Title **Sustainability of farm systems**

Room 6; **Monday, July 2 | 16:00-17:30**

Chair **Antonella Vastola**

- **Supporting farmers in the transition to agroecology to promote carbon sequestration from silvopastoral systems**
Sara Burbi, Rodrigo Olave
- **Benefits of diversified horticultural systems: assessment with the modern portfolio theory**
Raphaël Paut, Rodolphe Sabatier, Marc Tchamitchian
- **Conservation agriculture systems: an economic viable solution experimented in a Mediterranean area of Southern Italy**
Antonella Vastola, Mario Cozzi, Mauro Viccaro, Valeria Grippo, Severino Romano

Wednesday, July 4th, 2018

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **Resilience and agroecology**

Room 1; **Wednesday, July 4 | 09:00-10:30**

Chair **Ika Darnhofer**

- **Quality labels as drivers of periurban livestock farming resilience**
Rosalia Filippini, Sylvie Lardon, Tiziana Sabbatini, Elisa Marraccini
- **Resilience of smallholder farmers: a SWOT analysis in rural Italy**
Rafaela Reznik Rocha
- **On farm level acting in order to mitigate climate change with help of a points-based system**
Aurelia Nyfeler-Brunner, Daniel U. Baumgartner, Gérard Gaillard, Sarah Hofmann

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **SUFISA paper session: Managing risks in farming**

Room 2; **Wednesday, July 4 | 09:00-10:30**

Chair **Egon Noe**

- **Lending to a farmer: a comparative analysis of frames banks use to interpret agriculture**
Mikelis Grivins, Martin Hvarregaard Thorsøe, Damian Maye, Pierre-Marie Aubert
- **Farming strategies in the continuously evolving European dairy market – a comparative case study of five different EU countries**
Martin Thorsøe, Egon Noe, Pierre-Marie Aubert, Damian Maye, Mauro Vigani, James Kirwan, Hannah Chiswell, Mikelis Grivins, Anda Adamsone-Fiskovica, Talis Tisenkopfs, Emi Tsakalou
- **Farmer strategies to manage market uncertainty: commodity-level analysis and critique**
Damian Maye, James Kirwan, Hannah Chiswell, Mauro Vigani, José Muñoz-

Rojas, Erik Mathijs, Isabelle Bonjean, Martin Hvarregaard Thorsøe, Egon Noe, Susanne Von Münchhausen, Mikelis Grivins, Pierre-Marie Aubert, Piotr Nowak, Francesca Minarelli

- **Food chain structure, price and risk management strategies - insights from the Serbian raspberry case study**
Zaklina Stojanovic, Radmila Dragutinovic-Mitrovic, Irena Jankovic, Bojan Ristic

Theme 3 **Integrating science, technology, policy and practice**

Session Title **Strategies and methods for managing and monitoring farm resources**

Room 3; **Wednesday, July 4 | 09:00-10:30**

Chair

- **A transferable strategy to reduce competition for food and feed production in the establishment of agroforestry systems for energy production**
Rico Hübner, Andrea Winterling
- **Researchers, advisors and growers working together to design monitoring methods for functional agro-biodiversity**
Aurélie Cardona, Servane Penvern, Marc Tchamitchian

Theme 3 **Integrating science, technology, policy and practice**

Session Title **Transdisciplinary methodologies and assessment frameworks I**

Room 3; **Wednesday, July 4 | 09:00-10:30**

Chair

- **How to train transdisciplinary competences? Insights from a lecture on “System Analysis and Scenario Technique”**
Valentin Fiala, Bernhard Freyer, Milena Klimek, Alexandre Fahringer

Theme 4 **Smart technologies in farming and food systems**

Session Title **Development of smart farming technologies and tools**

Room 4; **Wednesday, July 4 | 09:00-10:30**

Chair **Andy Wilcox**

- **Digital tools co-creation to ease the dialog among farmers’ communities with diverse visions. A practical case with conventional and organic farmers in CAPSELLA**
Mariateresa Lazzaro, Peter Parea, Diego Guidotti, Panagiota Koltsida, Stephen Benians, Paolo Barberi, Eleni Toli
- **Inventory of smart farming technologies – focus of commercial and research products**
Spyros Fountas, Frits van Evert, Athanasios Balafoutis, Vasileios Psiroukis, Michael Koutsiaras, Konstantinos Grivakis, Pieter Blok, Chris van Dijk, Sandra Wolters, Sakura Tomita, Herman Berghuijs
- **A Virtual Dairy Farm Brain**
Di Liang, Hector Delgado, Victor Cabrera

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Education and training of farmers and advisors. Skills and competences: Professionalization in extension and higher education**

Room 5; **Wednesday, July 4 | 09:00-10:30**

Chair **Barbara King**

- **Becoming an adviser within the privatized extension sector: Challenges and successes of seven early career advisers**
Barbara King, Sally Martin, Irene Sobotta, Jana-Axinja Paschen, Margaret Ayre, Nicole Reichelt, Ruth Nettle
- **Towards competence-oriented learning in rural development: Transdisciplinary Student Team Investigation in Mexico, Colombia, Nicaragua and China**
Álvaro Acevedo Osorio, Susanne Hofmann-Souki, Juana Cruz Morales
- **A robot from the scratch in 5 months. How agronomy students could master agricultural equipment innovation**
Davide Rizzo, Mehdi Jaber, Andrii Yatskul, Benoît Detot, Anne Combaud

Theme 2 **Agroecology and new farming arrangements**

Session Title **The technical dimension**

Room 6; **Wednesday, July 4 | 09:00-10:30**

Chair **Angelos Lontakis**

- **Optimizing a green manure-based row cropping system for organic cereal production**
Hong TT Phan, Kristian Thorup-Kristensen
- **New arrangements for an agroecological management of animal health. The case of French farmers learning homeopathy**
Louis Rénier, Aurélie Cardona, Élisabeth Lécrivain
- **Local *Dioscorea* sp production systems and their potential for agroecological practices in the central part of Cote d'Ivoire**
Esther Oka, Anne Floquet
- **Mitigation of greenhouse gas emissions and technical efficiency of Greek dairy sheep production systems: meeting the ecological challenge**
Alexandra Sintori, Angelos Lontakis, Irene Tzouramani

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **Markets and power**

Room 1; **Wednesday, July 4 | 11:00-12:30**

Chair **Ika Darnhofer**

- **Power imbalances in the Belgian sugar beet market: employing systems thinking for a supply chain analysis**
Katharina Biely, Steven Van Passel
- **Food systems and farmers' bargaining power: The case of "Unfair Trade**

Practices” in the EU

Miguel Angel de Porras Acuna, Sylvain Quiédeville

- **Evaluation of farmers’ markets from the organisers’, producers’ and consumers’ perspective in Hungary**
Dorottya Szabó, Anikó Juhász, Katalin Olga Kujáni
- **The role of cooperation for sustainability innovations in the agriculture and food sector**
Martina Schäfer, Bettina König, Jana Zscheischler

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **SUFISA paper session: Regional and sectoral condition for farming in Europe**

Room 2; **Wednesday, July 4 | 11:00-12:30**

Chair **Erik Mathijs**

- **The role of territorial conditions in influencing the sustainability of farming systems and strategies across Europe: a comparative analysis**
José Muñoz-Rojas, Fabio Bartolini, Damian Maye, Susanne von Münchhausen, Egon Noe, Teresa Pinto-Correia, Martin. H. Thorsoe, Danielle Vergamini
- **Various strategies for different sectors and regions concerning agricultural production; The case of apples in Małopolska (Poland)**
Piotr Nowak, Krzysztof Gorlach, Adam Dąbrowski, Anna Witowska
- **Strategies farmers use to shape supply chain: a comparative analysis of dairy and grain farmers in Latvia**
Mikelis Grivins, Anda Adamsone-Fiskovica, Talis Tisenkopfs
- **Increasing costs for land use challenge the international competitiveness of European arable farming – lessons learned from SUFISA case studies in three different areas**
Susanne von Münchhausen, Tanja Möllmann, Piotr Nowak, Daniel Pastoors

Theme 3 **Integrating science, technology, policy and practice**

Session Title **Transdisciplinary methodologies and assessment frameworks II**

Room 3; **Wednesday, July 4 | 11:00-12:30**

Chair

- **Post-normal science in practice: a method proposal and its application to agricultural water management**
Sandrine Allain, Gaël Plumecocq, Delphine Leenhardt
- **Integrating sustainability at the front end of system innovations in agriculture using a triple-helix approach**
Katharina Diehl, Bettina König
- **Assessing the impact of the Standing Committee on Agricultural Research (SCAR). A tentative assessment framework**
Stefano Grando, Simona Cristiano, Serenella Puliga, Annalisa Zezza
- **A systems approach to explore transformative socio-technical innovations**
Marianne Hubbeau, Jonas Van Lancker, Fleur Marchand

Theme 4 **Smart technologies in farming and food systems**

Session Title **Smart farming adoption and use by farmers**

Room 4; **Wednesday, July 4 | 11:00-12:30**

Chair **Julie Ingram**

- **Important lessons from new tailor-made services for smallholder farmers**
Antonius G.T. Schut, Keiji Jindo, Johannes W.A. Langeveld, Marja Rijerse, Lydia Munika, Peter Matyoko
- **What drives adoption of smart farming technologies? Evidence from a cross-country study**
Andrea Knierim, Friederike Borges, Maria Lee Kernecker, Teresa Kraus, Angelika Wurbs
- **An analysis of farmers' perceptions of the impact of technology on farm**
Luiza Toma, Andrew Barnes
- **The potential impact of mobile phone application in agroecological transitioning in southeast Nigeria**
Ezinne Merianchris Emeana, Liz Trenchard

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Education and training of farmers and advisors. Skills and competences: Agronomic education for sustainable development**

Room 5; **Wednesday, July 4 | 11:00-12:30**

Chair **Peter Paree**

- **FarmDemo: Boosting impact through a joint visionary framework for two H2020 projects**
Boelie Elzen, Peter Paree, Marleen Gysen, Claire Hardy, Lee-Ann Sutherland, Fleur Marchand, Lies Debruyne, Ivonne de Bruijn
- **Agronomic education and the quest for sustainability: Is there a link?**
Chrysanthi Charatsari, Afroditi Papadaki-Klavdianou, Alex Koutsouris, Evangelos D. Lioutas
- **Making “middle managers”: Workforce development for agricultural industries in transition**
Michael Santhanam-Martin, Lisa Cowan
- **Challenges of labour supply in agri-food sector in Hungary**
Eszter Hamza, Katalin Rácz, Dorottya Szabó, Orsolya Márkiné Tóth, Eszter Varga

Theme 2 **Agroecology and new farming arrangements**

Session Title **Framing and frameworks**

Room 6; **Wednesday, July 4 | 11:00-12:30**

Chair **Stephane Bellon**

- **A mixed method approach to characterize and explain the pursuit of agroecological principles at Flemish beef farms**

Louis Tessier, Jo Bijttebier, Fleur Marchand, Philippe Baret

- **The European networks of research, education and training stakeholders in agroecology**
Rose Nicot, Stéphane Bellon, Allison Loconto, Guillaume Ollivier
- **From land restructuration to land grabbing – the political context of agroecology**
Stephanie Domptail, Sarah Rauer, Bernd Müller, Daniel Mühlleitner, Ernst-August Nuppenau
- **How to address sustainability transition of farming systems? A position paper**
Guillaume Martin, Sandrine Allain, Jacques-Eric Bergez, Delphine Burger-Leenhardt, Julie Constantin, Michel Duru, Laurent Hazard, Camille Lacombe, Danièle Magda, Marie-Angéline Magne, Julie Ryschawy, Vincent Thénard, Hélène Tribouillois, Magali Willaume

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **Value chains and markets I**

Room 1; **Wednesday, July 4 | 13:00-14:30**

Chair **Eelke Wielinga**

- **Floriculture and Floral Design. New high added-value markets and innovative origin-based qualification strategies for a sustainable revival of the Tuscan floriculture system**
Silvia Scaramuzzi, Sara Gabellini
- **More than wheat – the market potential of currently underutilised cereal crops**
Bernadette Oehen, Heidrun Moschitz
- **Which pathways for thriving tuber value chains in West Africa**
Anne Floquet
- **Making sense of flexibility within value chains - Observations in the rubber sector in Southern China**
Susanne Hofmann-Souki, Jue Wang

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **SUFISA paper session: Cooperation as farming strategy**

Room 2; **Wednesday, July 4 | 13:00-14:30**

Chair **Isabelle Bonjean**

- **Cooperatives adapting to market conditions: insights from a comparative study of apple and pear farming in Poland, Italy and Belgium**
Eewoud Liewens, Isabelle Bonjean, Adam Dabrowski, Francesca Minarelli, Krzysztof Gorlach, Meri Raggi, Piotr Nowak, Davide Viaggi, Erik Mathijs
- **Vertical integration as future strategy to increase value absorption of primary producers: the Belgian sugar beet and the German rapeseed case**
Katharina Biely, Susanne von Münchhausen, Steven Van Passel
- **How the interplay between social capital creation and adaptive**

arrangements can impact the resilience of small-scale fisheries in different European contexts

Paolo Prospero, James Kirwan, Emi Tsakalou, George Vlahos, Damian Maye, Fabio Bartolini, Daniele Vergamini, Gianluca Brunori

Theme 3 Integrating science, technology, policy and practice

Panel Session Title **How to capture benefits and interactivity in multi-actor innovation processes**

Room 3; **Wednesday, July 4 | 13:00-14:30**

Chair **Simona Cristiano & Patrizia Proietti**

Panelists: Virgilio Buscemi, Boelie Elzen, Boru Douthwaite, Inge Van Oost

Theme 4 Smart technologies in farming and food systems

Session Title **Trust, risk and governance in value chains: which impact of Big Data and smart solutions?**

Room 4; **Wednesday, July 4 | 13:00-14:30**

Chair **Laurens Klerkx**

- **The role of ICTs in improving smallholder maize farming livelihoods: The mediation of trust in value chain financing**
Christopher Agyekumhene, Jasper R. de Vries, Annemarie van Paassen, Philip Macnaghten, Marc Schut, Arnold Bregt
- **“If they don’t tell us what they do with it, why would we trust them?” Applying the multi-level perspective on socio-technical transitions to understand trust, transparency and benefit-sharing in Smart Farming and Big Data**
Emma Jakku, Bruce Taylor, Aysha Fleming, Claire Mason, Simon Fielke, Peter Thorburn, Chris Sounness
- **Smart Farming in Ireland: Anticipating positive and negative impacts through a qualitative study of risk and benefit perceptions amongst expert actors in the Irish agri-food sector**
Áine Regan, Stuart Green, Paul Maher
- **The ‘Digitalisation of Agricultural Innovation Systems’: Governing the DAIS and exploring the prawn aquaculture value chain**
Simon J. Fielke, Robert Garrard, Emma Jakku, Aysha Fleming, Leanne Wiseman, Bruce M. Taylor, Ryan McAllister

Theme 1 Learning and knowledge systems, education, extension and advisory services

Session Title **Education and training of farmers and advisors. Skills and competences: Innovative approaches to education and training**

Room 5; **Wednesday, July 4 | 13:00-14:30**

Chair **Thomas Aenis**

- **“Cropping School” - An alternative to advisory services in Brandenburg, Germany?**
Sabrina Scholz, Ralf Bloch, Susanne von Münchhausen, Anna Maria Häring

- **Management and strategic advisory by using farm-based sustainability assessment in Denmark. Exemplifying the importance of imagery and process guidance (facilitation)**
Frank Oudshoorn, Lesley Lap
- **Learnings from an exploratory implementation of an innovative training-program to improve and reduce antibiotic use in the dairy sector**
Axelle Poizat, Brigitte Frappat, Sabrina Corbel, Philippe Roussel, Marylise Le Guénic, Florence Bonnet-Beaugrand, Julie Duval, Nathalie Bareille
- **Farmer Action Groups - A participatory approach to reducing antimicrobial use on UK dairy farms**
Lisa Morgans, Sarah Bolt, Lisa van Dijk, Henry Buller, Maria P. Escobar, Kristen Reyher, David Main

Theme 2 **Agroecology and new farming arrangements**

Session Title **System drivers I**

Room 6; **Wednesday, July 4 | 13:00-14:30**

Chair **Rike Stotten**

- **Thinking about the future of farming through different facets of “work in agriculture”. Textual analysis of papers from the first Symposium on Work in Agriculture**
Priscila Duarte Malanski, Sandra Schiavi, Benoît Dedieu
- **The diversity of farmers’ practices and relations facing urban demands. A case study in Montpellier (France)**
Nabil Hasnaoui Amri, Laura Etienne, Christophe-Toussaint Soulard
- **How can collective organization and the search for autonomy lead to an agroecological transition? The example of farm machinery cooperatives in France**
Stéphane de Tourdonnet, Jean-Marc Barbier, Sarah Courty, Pauline Martel, Véronique Lucas
- **New farming arrangements for resilience**
Rike Stotten, Georg Leitinger

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **Value chains and markets II**

Room 1; **Wednesday, July 4 | 16:00-17:30**

Chair **Eelke Wielinga**

- **Myths of intermediaries’ in citrus supply chain in Pakistan**
Saleem Ashraf
- **Strategies to valorise agrobiodiversity**
Bernadette Oehen, Claudia Meier, Philipp Holzherr, Iris Förster
- **Assessing healthy food chains**
Eelke Wielinga, Peter Paree
- **Finding and analysing social hotspots in a global food value chain as a basis for livelihood improvement**

Sonja Trachsel, Isabel Jaisli, Emilia Schmitt

Theme 4 **Smart technologies in farming and food systems**

Session Title **Smart farming, advisory services and knowledge systems**

Room 4; **Wednesday, July 4 | 16:00-17:30**

Chair **Pierre Labarthe**

- **Digitalisation of agricultural knowledge providers: the case of New Zealand**
Kelly Rijswijk, Laurens Klerkx, James A. Turner
- **Exploring the value proposition of digital technologies in smart farming: an approach co-designed by agricultural advisors**
Margaret Ayre, Vivienne McCollum, Warwick Waters, Peter Samson, Anthony Curro, Ruth Nettle, Jana Paschen, Barbara King, Nicole Reichelt
- **Farm advisors need to adapt to provide value to farmers in a smart farming future**
Callum Eastwood, Margaret Ayre, Brian Dela Rue
- **Reflections on co-constructing a digital adviser with stakeholders in agriculture and forestry**
Julie Ingram, Pete Gaskell

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Panel Session Title **Introducing the invisible into agricultural knowledge systems**

Room 5; **Wednesday, July 4 | 16:00-17:30**

Chair **Julia Wright**

Panelists: Christopher Brock, Saskia Von Diest

Theme 2 **Agroecology and new farming arrangements**

Session Title **System drivers II**

Room 6; **Wednesday, July 4 | 16:00-17:30**

Chair **Simona Zollet**

- **Neo-farmers: drivers of farming systems innovation and of the transition to agro-ecology? The case of Alentejo (Portugal)**
Paula Dolci, Coline Perrin
- **Trade-offs between dreams and reality: Agroecological orchard co-design**
Servane Penvern, Blandine Chieze, Sylvaine Simon
- **Agroforestry market gardening: a strategic choice to improve sustainability in agroecological transition?**
François Leger, Kevin Morel, Agnès Bellec-Gauche, François Warlop
- **Towards sustainability transitions in Japanese agri-food systems: the role of new entrant organic farmers in rural areas of Hiroshima prefecture, Japan**
Simona Zollet

Thursday, July 5th, 2018

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **Sustainability**

Room 1; Thursday, July 5 | 09:00-10:30

Chair **Eelke Wielinga**

- **The impact of the Common Agricultural Policy on Cretan landscape and rural livelihood**
Annabelle Boulay, Richard Pope
- **Developing a tool to evaluate the sustainability of intra-urban farms**
Agnès Lelièvre, Paola Clérino
- **Exploring the path of wine sustainability in isolated and limited production systems. A comparative analysis between two islands, Elba (Italy) and Santorini (Greece)**
Daniele Vergamini, George Vlahos, Paolo Prosperi, Fabio Bartolini, Gianluca Brunori

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Designing extension and advisory services: models and methods**

Room 3; Thursday, July 5 | 09:00-10:30

Chair

- **Demand-based extension models for smallholder farmers in Malawi**
Hastings Chiwasa, Daimon Kambewa
- **Characteristics of successful extension education programs: Dairy examples from the University of Maryland Extension**
Dale M. Johnson, LeAnn A. Johnson
- **An opportunity not to be missed: the possibilities to support Australian dairy and meat processors in agricultural advisory service provision**
Nicole Reichelt, Jacqui Knee, Bruce Hancock, Ian Linley, Doug McNicholl, Ashley Norval, Jana-Axinja Paschen, Ruth Nettle, Barbara King, Margaret Ayre
- **Setting-up a Farm Advisory Network in the Agricultural University of Athens: an exploratory analysis**
Vasilika Konstantidelli, Alexandros Koutsouris, Pavlos Karanikolas, Konstantinos Tsiboukas

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **AgriDemo & PLAID paper session**

Room 5; Thursday, July 5 | 09:00-10:30

Chair

- **Demonstration farms in historical context**
Rob J.F. Burton, Lee-Ann Sutherland, Claire Hardy
- **Development process of a conceptual framework to investigate the role of**

peer learning processes at on-farm demonstrations in the light of sustainable agriculture

Hanne Cooreman, Joke Vandenabeele, Lies Debruyne, Julie Ingram, Hannah Chiswell, Alex Koutsouris, Eleni Pappa, Fleur Marchand

- **Identifying functional characteristics that enable learning in demonstrations: a discussion paper**
Julie Ingram, Hannah Chiswell, Jane Mills, Lies Debruyne, Hanne Cooreman, Alex Koutsouris, Eleni Pappa, Fleur Marchand
- **Structural aspects of on-farm demonstrations: Key considerations in the planning and design process**
Eleni Pappa, Alex Koutsouris, Julie Ingram, Lies Debruyne, Hanne Cooreman, Fleur Marchand

Theme 2 Agroecology and new farming arrangements

Session Title **Agri-food systems and certification**

Room 6; **Thursday, July 5 | 09:00-10:30**

Chair **Teresa Pinto-Correia**

- **A framework to characterize the diversity of food systems and their transition pathways**
Daniel Gaitán-Cremaschi, Laurens Klerkx, Jessica Duncan, Jacques H. Trienekens, Carlos Huenchuleo, Santiago Dogliotti, María E. Contesse, Walter A.H. Rossing
- **Optimizing key factors of sustainable agricultural system: An action research on one hectare farm in India**
Amar KJR Nayak
- **Assessing food balance of Mediterranean city-regions. A multi-level methodology to highlight interactions between land system and food systems**
Esther Sanz Sanz
- **Participatory Guarantee Systems: social innovation within the agroecological transition**
Antonieta Carolina Reyes Gómez, Michaël Pouzenc

Theme 5 Sustainable agrifood systems, value chains and power structures

Session Title **SALSA Paper session: Our food systems are broken, can small farmers help to fix them?**

Room 1; **Thursday, July 5 | 11:00-12:30**

Chair **María Rivera Méndez**

- **Food system integration of olive oil producing small farms: a comparative study of four Mediterranean regions**
Pavlos Karanikolas, Teresa Pinto Correia, Victor Martínez-Gomez, Francesca Galli, Paola Andrea Hernandez, Laura Fastelli, Laura Arnalte-Mur, Maria Rivera Mendez, Paolo Prospero, Giannis Goussios
- **Small farms: self-provision and external consumers (case of Poland, Romania and Latvia)**

Marta Czekaj, Ewa Tyran, Sandra Šūmane, Barbu Raluca Ioana

- **Assessing small farms' role in the food systems at regional level: insights from a territorial approach**
Teresa Pinto Correia, Alejandro Guarín, Karlheinz Knickel, Sergio Godinho, María Rivera Méndez, Stephano Grando, Gianluca Brunori
- **Territorial fitting of small farms**
Talis Tisenkopfs, Sandra Šūmane, Anda Ādamsone-Fiskoviča, Miķelis Grīviņš

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **Governance and implementation of multi-actor innovations**

Room 3; **Thursday, July 5 | 11:00-12:30**

Chair **Simona Cristiano & Patrizia Proietti**

- **How long does it take to make innovation became custom? The montado case study**
M^a Helena Guimarães, M^a Isabel Ferraz-de-Oliveira, M^a Teresa Pinto-Correia
- **Stakeholder perception and learning from projects: Multi actor agricultural projects**
Arundhita Bhanjdeo, Marta Hernandez-Jover, Gavin Ramsay
- **Promoting sustainable food systems in EU's remote rural regions through a place-based knowledge approach**
Paola Andrea Hernández
- **Do EIP interactive innovation approaches interact each other?**
Simona Cristiano, Patrizia Proietti

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **AgriDemo & PLAID panel session**

Room 5; **Thursday, July 5 | 11:00-12:30**

Chair **Fleur Marchand**

Panelists: Lies Debryune, Claire Hardy, Boelie Elzen, Adrien Guichaoua

Theme 2 **Agroecology and new farming arrangements**

Session Title **Sustainability evaluation and indicators**

Room 6; **Thursday, July 5 | 11:00-12:30**

Chair **Marc Tchamichian**

- **Evaluating sustainability of farms: introducing a new conceptual framework based on three dimensions and five key properties relating to the sustainability of agriculture. The IDEA method version 4**
Frédéric Zahm, Adeline Alonso Ugaglia, Jean-Marc Barbier, Héloïse Boureau, Bernard Del'homme, Mohamed Gafsi, Pierre Gasselin, Sydney Girard, Laurence Guichard, Chantal Loyce, Vincent Manneville, Amandine Menet, Barbara Redlingshöfer

- **Assessment of sustainability indicators on farms under real-life conditions**
Andreas Roesch, Maria Bystricky, Aurelia Nyfeler-Brunner, Hisko Baas
- **Sustainability of beekeeping farms: development of an assessment framework through participatory research**
Coline Kouchner, Cécile Ferrus, Samuel Blanchard, Axel Decourtye, Benjamin Basso, Yves Le Conte, Marc Tchamitchian
- **A participatory method to design farm scale scenarios for recovering groundwater quality**
Annabelle Richard, Marion Casagrande, Marie-Hélène Jeuffroy, Christophe David

Theme 5 **Sustainable agrifood systems, value chains and power structures**

Session Title **A panel session organised by the SALSA project team**

Room 1; **Thursday, July 5 | 13:00-14:30**

Chair **Karlheinz Knickel & Pavlos Karanikolas**

Panelists: Maria Partalidou, Chris Blackmore, Elisa Marraccini, Stephane Bellon, George Vlahos, Teresa Pinto-Correia

Theme 1 **Learning and knowledge systems, education, extension and advisory services**

Session Title **AgriSpin paper session**

Room 5; **Thursday, July 5 | 13:00-14:30**

Chair

- **Multi-actor interaction and coordination in the development of a territorial innovation project: some insights from the Cilento Bio-district in Italy**
Elena Favilli, Tim Hycent Ndah, Yulia Barabanova
- **Innovation support in farmer-driven processes – Lessons from Greece**
Alex Koutsouris, Eleni Zarokosta
- **Diversity of innovation support services and influence on innovation processes in Europe – Lessons from the AgriSpin project**
Hycenth Tim Ndah, Andrea Knierim, Alex Koutsouris, Guy Faure
- **Tools to observe innovation processes: The AgriSpin experience**
Eelke Wielinga, Alex Koutsouris