

6th Symposium on Agri-Tech Economics for Sustainable Futures

	Speaker No.	Start time	Finish Time	Speaker	Topic
Monday 18 September 2023					
Opening Session	Chair: Dimitrios Paparas, Karl Behrendt (HAU)				
	1	09:00	09:10	Dimitrios Paparas, Karl Behrendt (HAU)	Welcome -Chairs of Symposium
	2	09:10	09:20	Professor Ken Sloan (VC of HAU)	Welcome and HAU directions
	3	09:20	09:30	Rebecca Payne (Head of FLAM department)	Thank you and FLAM strategy
	4	09:30	10:10	Professor Deb Roberts (JHI)	Tackling the nexus of productivity, trade, sustainability, land use and food security in the UK
	5	10:10	10:50	Prof Paul Thomassin (McGill University)	How to make national research achieve national sustainability targets: the case from Canada
		10:50	11:10	Coffee Break	
CEIA Session on 'Effective research strategies and policy'					
Session 2	Chair: Kate Pressland (Centre for Effective Innovation in Agriculture)				
	1	11:10	11:50	Professor Tom MacMillan	A shared research strategy for UK agricultural universities
	2	11:50	12:10	Olivia Spykman	Evaluating the impact of government investment support for crop robots: a multi method approach
	3	12:10	12:30	Marie Rose Randriamarolo-Malavaux	Heterogenous effects of milk price volatility on French dairy farms economic viability: roles of technological equipment use
	4	12:30	12:50	Andrea Landi	Digitalisation for Agroecology: Agenda for an inclusive policy roadmap
	5	12:50	13:10	Discussion panel	All plus Paul Thomassin
		13:10	14:00	Lunch Break	
ISPA Economics Community Session on 'Economics and Adoption of Precision Agriculture' - Hybrid Session					
Session 3	Chair: Karl Behrendt (ISPA Economics Community Leader, HAU) & Marius Michels (Deputy Leader, University of Göttingen)				
	1	14:00	14:40	Prof James Lowenberg-DeBoer (HAU)	Keynote: Lessons Learned in 30 years of Precision Agriculture Research
	2	14:40	15:00	Xiaofei Li	Economic Evaluation of Variable Rate Application using On-Farm Precision Experimentation Data
	3	15:00	15:20	Qianqian Du	Is Estimation of Yield Response to N Biased? An Analysis Using Aggregated On-Farm Experiment Data with Field Fixed Effects
	4	15:20	15:40	Jaeseok Hwang	What is the Value of On-Farm Precision Experiment Data as a Public Good?
	5	15:40	16:00	A. K. M. Abdullah Al-Amin	Profitability of regenerative agriculture with autonomous machines: An ex-ante assessment of British farming
	6	16:00	16:20	Andreas Meyer-Aurich	A Model-Averaging Approach for Accurate Estimation of Economic Optimum Nitrogen Rate in Site-Specific Nitrogen Fertilization
	7	16:20	16:40	David Bullock	A Microeconomic Perspective on the Value of OFPE Data in Management Zone Delineation
		17:00	18:30	HFH & Dairy Tech demonstration	
		18:30	19:00	Refreshment break	
	19:00	22:00	Conference Dinner		
Tuesday 19 September 2023					
School of Sustainable Food and Farming Session on 'Sustainability'					
Session 4	Chair: Simon Thelwell (SSFF Director, HAU)				
	1	09:00	09:40	Dr. Fakhri J. Hasanov	Keynote: Implications of technological progress and renewable energy transitions for environmental policies from sustainable development perspectives.
	2	09:40	10:00	Iona Huang	Environmental impacts of rubber-based agroforestry systems
	3	10:00	10:20	Karen Poniemann	Site-specific calculation of corn bioethanol carbon footprint with Life Cycle Assessment
	4	10:20	10:40	Luis Aguiar	Exports of Banana from Costa Rica to the UK: economic model, marketing standards and waste
	5	10:40	11:00	Dukhabandhu Sahoo	Determinants of use of Climate Smart Technology in Agriculture: Evidence from Household data
		11:00	11:20	Coffee Break	
INFER Session on Sustainable Futures					
Session 5	Chair: Dr Dimitrios Paparas (INFER Board Member)				
	1	11:20	12:00	Professor Konstantinos P. Tsagarakis	Keynote: Sustainability and circular economy perspectives
	2	12:00	12:20	Bikram Ghosh	Meat Waste-Safety-Traceability Prototype for Supermarkets & Restaurants deploying blockchain & meat quality index
	3	12:20	12:40	Hitheesha Cattamanchi	The Role of Agriculture in Economic Growth of the European Union and Its Resultant Climate Change Implications
	4	12:40	13:00	Eric Siqueiros	Exploring the Ukraine War - Trade effects on the environment: The case of Oilseed Rape
	5	13:00	13:20	Liudmyla Fihurska	Influence of the war on Ukrainian Grain export
6	13:20	13:40	Deborah Hall	Valorisation of poultry litter: A socio-environmental cost-benefit comparison of traditional land application and anaerobic digestion	
		13:20	14:20	Lunch break	
D4AgEcol Session: Digitalisation enabling agroecology					
Session 6	Chair: Friederike Schwierz (D4AgEcol Project Manager, ATB)				
	1	14:20	15:00	Dr Andreas Meyer-Aurich (ATB)	Keynote: Enabling agroecology through digitalisation of agriculture
	2	15:00	15:20	Søren Marcus Pedersen	Cost benefit analysis of robotic weeding in vineyards: a case study from France
	3	15:20	15:40	Lichao Yang	Effects of agricultural productive services on fertilizer reduction and efficiency increase: theory and evidence from China
	4	15:40	16:00	Elias Maritan	A multi-objective optimisation analysis of autonomous mechanical weeding in arable farming
	5	16:00	16:20	Anne Mumbi & Helen Pittson	The potential for grass as an alternative protein
Closing Remarks		16:20	16:30	Closing Remarks	
		17:00	18:00	Tour of Virtual Fencing Demonstration	
		18:00	18:30	Refreshment break	
	18:30	20:30	Symposium Dinner @ HAU		
				D4AgEcol group - Informal Dinner @ The Lamb Inn	