



Harper Adams University



Programme

Current as at 16th September 2020, and subject to change. Please note: All times are BST (UTC+1)

Opening Session

09:00 to 11:20 Monday 21st September 2020

Prof. David Llewellyn (Harper Adams University)	Harper Adams University Agri-Tech focus and developments
Keynote: Tom Bradshaw (National Farmers Union – UK)	Farmers perspective of Agri-Tech and its contribution to meeting the challenges of contemporary agriculture
Keynote: Phil Bicknell (AHDB – UK)	Traversing the nexus of science and technology into farm practice: the role of Agri-Tech Economics
Prof. James Lowenberg-DeBoer (Harper Adams University)	Longer Term Impacts of the COVID-19 Pandemic on European Agriculture
Prof. Camelia Turcu & Prof. Josep-Maria Arauzo-Carod (INFER)	Session wrap-up and INFER activities

Session 2: Agri-Tech Economics and Sustainable Landscapes

12:00 to 14:00 Monday 21st September 2020

<i>Session Chair: Paul Thomassin (McGill University)</i>	
Keynote: Prof. Robert Finger	How digital innovations can lead to more sustainable agricultural systems
Christian Sponagel	Development of supply curves for environmental compensation measures on farmland on the example of the Stuttgart Region in Germany
Andreea Stoian	From sustainable development to sustainable finance
Melf-Hinrich Ehlers	How can remote sensing support agricultural policy?
Inma Martinez-Zarzoso	Fertilizer use in agriculture versus alternative environmentally friendly practices

Session 3: Spatial Econometrics in Precision Agriculture

15:00 to 16:40 Monday 21st September 2020

<i>Session Chair: Xiaofei Li (Mississippi State University); Q&A Moderator: James Lowenberg-DeBoer (HAU)</i>	
Keynote: Prof. Dayton Lambert	Leveraging Yield Response Information from Dense Field Data: A Comparison of Local Regression Methods
Yanbing Wang	The Role of Contractors in the Uptake of Precision Farming – A Spatial Economic Analysis
Marion Delport	Using on-farm precision experimentation to optimise seed and nitrogen fertilizer rate management in the Free State, South Africa
David Bullock	An Economic Evaluation of Site-specific Input Application Rx Maps
Andreas Meyer-Aurich	Marginal opportunity costs of nitrogen fertilizer with respect to response functions

Session 4: Agri-Tech Adoption

09:00 to 11:00 Tuesday 22nd September 2020

<i>Session Chair: Nadja El Benni (AgroScope); Q&A Moderator Tanja Groher (AgroScope)</i>	
Yiorgos Gadanakis	Exploring attitudes to technology adoption for cross compliance in Greek and Lithuanian farmers
Eva Schröer-Merker	UK agricultural students' perceptions of future technology use on-farm
Nazife Merve Hamzaoglu	Age, technology adoption, and the agricultural productivity in the era of Agriculture 4.0
Omotuyole Ambali	Improved Rice Technology Adoption Decisions: What Roles do Time Preference and Spatial Dependence Play?
David Rose	Guidance on using online videos and podcasts to improve farming practices
Agnieszka Wójcik-Czerniawska	The use of blockchain technology to improve the food supply chain

Session 5: Agri-Tech Economics in Nigerian Farming

12:00 to 13:40 Tuesday 22nd September 2020

<i>Session Chair: Tahirou Abdoulaye (CGIAR, ICRISAT) ; Q&A Moderator: James Lowenberg-DeBoer (HAU)</i>	
Grace Rekwot	Potential demand for improved beef delivery services in Nigeria: Evidence from a discrete choice experiment
Adewuyi Kolawole	Analysis of tomato production in some selected local government areas of Kano State, Nigeria
Zainab Oyetunde-Usman	Does adoption of organic fertilizer improve households' welfare? A case study of Farm Households' in Nigeria.
Tolulope Oladimeji	Can low-cost soil improvement technologies deliver substantial productivity gains? Evidence from northern Nigeria
Waheed Ashagidigbi	Does gender of farmers affect commercialisation and profitability of arable crop production in Nigeria?

Session 6: Agricultural productivity and markets

14:30 to 16:30 Tuesday 22nd September 2020

<i>Session Chair: Andreas Meyer-Aurich (ATB Potsdam) ; Q&A Moderator: Simon Walter (Thuenin Institute)</i>	
Keynote: Prof. George Halkos	Modelling biodiversity: Determinants of threatened species
Nele Jurkeniate	Towards better understanding of structural changes in EU agriculture: the index decomposition approach
Kehinde Oluseyi Olagunju	Examining the Drivers of Dairy Farm Productivity Growth
Ian Kumwenda	Farm Mechanization and Potential role of Robotics in Malawi
James Lowenberg-DeBoer	The Economic Feasibility of Autonomous Equipment for Biopesticide Application

Register at: <https://www.agritechecon.co.uk/>

Only registered attendees will be able to access individual sessions