



10th AIEAA Conference
Agriculture, Food and Global Value Chains: Issues, Methods and Challenges
Online Event, 10-11 June 2021



Agriculture, Food and Global Value Chains: Issues, Methods and Challenges

About one-third of trade in food and agricultural products takes place within global value chains (GVC). Coffee, palm oil or biofuels are, among others, examples of the modern organization of the agri-food production through GVC. Nowadays agricultural raw materials may cross borders several times before reaching the final consumers, being embedded in intermediate and final goods processed in different countries. Agri-food GVC are typically characterized by a strong coordination between farmers, processors, traders, and retailers. In several cases, leading firms may play a critical role by defining the exchange terms along the supply chain, influencing how the added value is distributed. The coordination of the value chain can be initiated by downstream buyers, such as large retailers and food processors, or by upstream suppliers, including single farms, farmers' cooperatives, and suppliers of agricultural inputs.

The growth of the agri-food GVC raises new issues. Participating in the GVC is expected to have a number of positive effects, both at the macro and micro scale, in terms of technology and knowledge spillovers, gains in productivity, employment opportunities, and increases of farmers' income. On the other hand, the market concentration in agri-food GVC raises concerns due to the consequent changes of market and bargaining power at different levels of the supply chain, calling into question the role of competition and regulation. Furthermore, producing for agri-food GVCs may result in an intensification of agricultural production with negative environmental effects, such as deployment and overuse of natural resources. Finally, GVCs may compete with local value chains for land, labor, water, soil nutrients, and other resources.

Sound knowledge and evidence about the nature and implications of the modern agri-food GVC would be relevant for policy-makers, firms and the civil society. The economic analysis of the agri-food GVCs challenges agricultural and food economists in several ways. Given the complex nature of the GVC and of the related issues, the use of new and multiple lens becomes essential to analyze this phenomenon. Country-level (macro) approaches are needed in order to investigate the drivers of the world-wide fragmentation of the agri-food production and the welfare implications for countries participating to the GVCs. Recent progresses in empirical trade analyses of GVCs are certainly fundamental to the understanding of agri-food GVCs. Industry level (meso) approaches are also needed to investigate the relationships among the various stages of the GVCs. Analytical tools and approaches from the industrial organization literature are also suitable to analyze the price transmission along the agri-food GVCs, and to explore the drivers of vertical coordination, or the distributions of benefits along the GVCs. Finally, a firm level approach (micro) is needed to investigate the implications for farmers of participating in GVCs.

The 10th AIEAA Annual Conference aims to contribute to this debate, by putting together different disciplines and approaches to the analysis of agri-food GVCs, of their implications in terms of economic, social and environmental sustainability and of their prospects in the post COVID-19 era.

PROGRAM AT A GLANCE

THURSDAY, 10 JUNE 2021

9:00am – 9:30am	Online Welcome Room				
9:30am – 11:00am	AIEAA Assembly				
11:00am – 11:15am	Conference opening				
11:15am – 12:15pm	Plenary Session 1: A review of global and local food value chains in Africa: Supply chain linkages and sustainability Miet Maertens (KULeuven) Discussant: Sara Savastano (IFAD)				
12:15pm – 1:15pm	Plenary Session 2: Mapping global value chain participation and positioning in agriculture and food Silvia Nenci (Roma Tre University) Discussant: Angela Cheptea (INRA)				
1:15pm – 2:30pm	<i>Lunch break</i>				
2:30pm – 4:15pm	Organized session 1	Contributed paper sessions			
		CP 1A	CP 1B	CP 1C	CP 1D
	Contract Solutions for agri-environmental-climate public goods 1	Behavior in Food Consumption	Farm Income and Risk Management	Sustainability in Geographical Indications	Water Use and Climate Change
4:15pm – 4:45pm	<i>Coffee break</i>				
4:45pm – 6:30pm	Organized session 2	Contributed paper sessions			
		CP 2A	CP 2B	CP 2C	CP 2D
	Contract Solutions for agri-environmental-climate public goods 2	Rural Development	Trade Policy in GVC	Choice Modelling and New Environmental Perspectives	Reshaping Agrifood Supply Chain
8.00pm	Remote Social Dinner				

FRIDAY, 11 JUNE 2021

9:00am – 10:45am	Plenary session 3: 10th AIEAA Session: Meeting for a new AIEAA Mission					
10:45am – 12:00pm	Poster session 1		Poster session 2			
12:00pm – 1:00pm	Plenary session 4: Price transmission and imperfect competition in the food industry Tim Lloyd (Bournemouth University) Discussant: Paolo Sckokai (Universita' Cattolica del Sacro Cuore)					
1:00pm – 2:00pm	<i>Lunch break</i>					
2:00pm – 3:45pm	Organized session 3	Contributed paper sessions				
		CP 3A	CP 3B	CP 3C	CP 3D	CP 3E
	IAERE-AIEAA session	Food Security and Health	Agrifood Markets and Coordination	Methodological Issues	Preparing the Future of the CAP	Agri-environmental Policies
3:45pm – 4:00pm	<i>Coffee break</i>					
4:00pm – 5:00pm	Plenary session 5: Young economists session					
5:00pm – 5:15pm	Closing ceremony					

DETAILED PROGRAM

THURSDAY, 10 JUNE 2021

9:00am – 9:30am	Online Welcome Room
9:30am – 11:00am	AIEAA Assembly
11:00am – 11:15am	Opening session
11:15am – 12:15pm	<p>Plenary session 1: A review of global and local food value chains in Africa: Supply chain linkages and sustainability Session Chair: Annalisa Zezza</p> <p>Keynote speaker: Miet Maertens (KULeuven)</p> <p>Discussant: Sara Savastano (IFAD)</p>
12:15pm – 1:15pm	<p>Plenary session 2: Mapping global value chain participation and positioning in agriculture and food Session Chair: Annalisa Zezza</p> <p>Keynote speaker: Silvia Nenci (Roma Tre University)</p> <p>Discussant: Angela Cheptea (INRA)</p>
1:15pm – 2:30pm	Lunch Break
2:30pm – 4:15pm	<p>CP 1A: Behavior in Food Consumption Session Chair: Davide Menozzi</p> <p>The Italian consumers' willingness to eat edible seaweed: an explorative study Nadia Palmieri¹, Maria Bonaventura Forleo² ¹CREA Research Centre for Engineering and Agro-Food Processing, Italy; ²University of Molise, Italy; nadia.palmieri@crea.gov.it</p> <hr/> <p>How Information Influences Consumers' Purchasing Intention for Farmed and Wild Fish Rungsaran Wongprawmas¹, Giovanni Sogari¹, Francesco Gai², Giuliana Parisi³, Davide Menozzi¹, Cristina Mora¹ ¹University of Parma, Italy; ²CNR ISPA, Italy; ³University of Florence, Italy; rungsaran.wongprawmas@unipr.it</p> <hr/> <p>Assessing Italian consumers disposition to buy food products carrying the Nutri-Score label Niculina-Iudita Sampalean¹, Daniele Rama¹, Tiziana de-Magistris^{2,3} ¹Catholic University of the Sacred Heart, Department of Agri-Food Economics, Faculty of Agricultural, Food and Environmental Sciences, Piacenza-Cremona Campus, Italy; ²Centro de Investigación y Tecnología Agroalimentaria de Aragón (CITA), Unidad de Economía Agroalimentaria y de los Recursos Naturales, Spain; ³Instituto Agroalimentario de Aragón (IA2), CITA-Universidad de Zaragoza, Spain; niculinaiudita.sampalean@unicatt.it</p> <hr/> <p>Explaining the motivation to consume Norwegian salmon: an application of the Theory of Reasoned Goal Pursuit Davide Menozzi¹, Giovanni Sogari¹, Cristina Simeone¹, Wojciech Zawadzki², Sterenn Lucas³, Margrethe Aanesen⁴ ¹University of Parma, Italy; ²University of Warsaw, Poland; ³INRAE, France; ⁴SNF, Norway; davide.menozzi@unipr.it</p>

2:30pm - 4:15pm	CP 1B: Farm Income and Risk Management Session Chair: Fabio Gaetano Santeramo
	Climate-Smart Agriculture between profitability and smallholder risk propensity. Evidences from Eastern and Southern Africa Chiara Perelli, Giacomo Branca Università degli Studi della Toscana, Italy; chiara.perelli@unitus.it
	Farmers' participation in the Income Stabilisation Tool: Evidence from the apple sector in Italy Ruggiero Rippo¹, Simone Cerroni^{2,3} ¹ Center Agriculture Food and Environment (C3A), University of Trento, Italy; ² Department of Economics and Management & Center Agriculture Food and Environment (C3A), University of Trento, Italy; ³ Institute of Global Food Security & Gibson Institute, Queen's University Belfast, United Kingdom; ruggiero.rippo@unitn.it
	Variable inputs use as a risk mitigation strategy. An empirical assessment on irrigated field crop farms in Italy Luigi Biagini¹, Martina Bozzola², Simone Severini³ ¹ Università della Toscana, Italy; ² Queen's University Belfast and ZHAW; ³ Università della Toscana, Italy; l.biagini@unitus.it
	Assessing the financial sustainability of an Income Stabilization Tool managed by a wine cooperative Cinzia Zinnanti, Attilio Coletta, Michele Torrigiani, Simone Severini Università degli Studi della Toscana, Italy; cinzia.zinnanti@unitus.it
	Weather index-based insurance as tool for the risk management in agriculture Fabio Gaetano Santeramo, Marco Tappi University of Foggia, Italy; fabio.santeramo@unifg.it
2:30pm - 4:15pm	CP 1C: Sustainability in Geographical Indications Session Chair: Francesco Pagliacci
	"A collective marketing strategy to assess the sustainability of Geographical Indications. The case of Parmigiano Reggiano PDO." Roberta Arciprete^{1,2}, Filippo Arfini¹, Valentina Pizzamiglio² ¹ Università di Parma; ² Consorzio Formaggio Parmigiano Reggiano; roberta.arciprete@gmail.com
	A multi-disciplinary approach for assessing the vulnerability to climate change of agri-food GIs in the Veneto region Dana Salpina, Francesco Pagliacci Università degli Studi di Padova, Italy; dana.salpina@unipd.it
	GIs, Public Goods and SDGs, a methodological proposal Marianna Guareschi, Filippo Arfini University of Parma, Italy; marianna.guareschi@unipr.it
	Territorial hotspots of exposure to climate disaster risk. The case of agri-food GIs in the Veneto region Francesco Pagliacci, Dana Salpina Università di Padova, Italy; francesco.pagliacci@unipd.it

2:30pm - 4:15pm	CP 1D: Water Use and Climate Change Session Chair: Daniele Curzi
	The impact of volumetric water tariffs in the irrigated agriculture in Northern Italy. <u>Andrea Pronti</u> ¹ , <u>Julio Berbel</u> ² ¹ University of Ferrara, Italy; ² University of Cordoba, Department of Agricultural Economics, Campus Rabanales, Cordoba, Spain; andrea.pronti@unife.it
	The Effects of the Weather on Agricultural Productivity: Evidence from a Cross-Country Analysis <u>Paolo Nota</u> ¹ , <u>Alessandro Olper</u> ^{1,2} ¹ Department of Environmental Science and Policy, University of Milan, Italy; ² LICOS, Centre for Institutions and Economic Performance, KU Leuven, Belgium; paolo.nota@unimi.it
	Assessing irrigation water value. Empirical results from a survey to Apulian farmers. <u>Laura Mirra</u> ¹ , <u>Giacomo Giannoccaro</u> ² ¹ University of Naples Federico II, Italy; ² University of Bari Aldo Moro, Italy; laura.mirra@unina.it
	Implication of asymmetric information on irrigation water pricing policies - A Review <u>Alban Lika</u> , <u>Davide Viaggi</u> University of Bologna, Italy; alban.lik3@unibo.it
	Post Harvest Losses and Climatic Conditions in Sub-Saharan Africa <u>Daniele Curzi</u> , <u>Paolo Nota</u> University of Milan, Italy; daniele.curzi@unimi.it
2:30pm - 4:15pm	OS1: Contract Solutions for agri-environmental-climate public goods 1 Session Chair: Davide VIAGGI Organizers: Fabio Bartolini (University of Ferrara) Stefano Targetti (University of Bologna) Daniele Vergamini (University of Pisa) Matteo Zavalloni (University of Bologna) Factors boosting the success of value chain-based contract solutions for improved provision of agri-environmental-climate public goods – Learning from existing, innovative case studies from the EU <u>Theresa Eichhorn</u> , <u>Lena Schaller</u> , <u>Jochen Kantelhardt</u> University of Natural Resources and Life Sciences Vienna, Austria; lena.schaller@boku.ac.at How can health concerns improve environmental public good provision through labels? <u>Fanny Le Gloux</u> , <u>Elodie Letort</u> , <u>Pierre Dupraz</u> INRAE, France; fanny.le-gloux@inrae.fr Agri-environmental payments to reduce soil erosion and land abandonment <u>Matteo Olivieri</u> ¹ , <u>Daniele Vergamini</u> ¹ , <u>Maria Andreoli</u> ¹ , <u>Fabio Bartolini</u> ² ¹ University of Pisa, Italy; ² University of Ferrara, Italy; matteo.olivieri@phd.unipi.it Stakeholders' perception of the potential of innovative agri-environmental and climate schemes in Emilia-Romagna <u>Antonella Frongia</u> , <u>Stefano Targetti</u> , <u>Riccardo D'Alberto</u> , <u>Meri Raggi</u> , <u>Nidhi Raina</u> , <u>Matteo Zavalloni</u> , <u>Davide Viaggi</u> Università Di Bologna, Italy; stefano.targetti@unibo.it
4:15pm - 4:45pm	Coffee Break

4:45pm - 6:30pm	CP 2A: Rural Development Session Chair: Gabriele Dono
	The drivers of budget allocation for environmental objectives in the European Rural Development Programmes Matteo Zavalloni¹, Francesco Pagliacci² ¹ Università di Bologna, Italy; ² Università di Padova, Dipartimento Territorio e Sistemi Agro-Forestali (TESAF); matteo.zavalloni@unibo.it
	Estimating the impact of CAP Pillar II payments on EU farms' yield, costs and labor Daniele Curzi¹, Mauro Vigani², Valentina Raimondi¹, Alessandro Olper^{1,3} ¹ University of Milano, Italy; ² University of Gloucestershire, United Kingdom; ³ LICOS – Centre for Institutions and Economic Performance, Belgium; daniele.curzi@unimi.it
	Understanding the transformative capacity of multi-actor approaches: a preliminary analysis of the Emilia-Romagna multi-actor platform Emilia Pellegrini¹, Meri Raggi², Stefano Targetti¹, Davide Viaggi¹ ¹ Department of Agricultural Science, University of Bologna, Bologna, Italy; ² Department of Statistical Sciences, University of Bologna, Bologna, Italy; emilia.pellegrini2@unibo.it
	The distortive effect of organic payments: an example of policy failure in the case of hazelnut plantation Alisa Spiegel¹, Attilio Coletta², Simone Severini² ¹ Thuenen-Institut, Germany; ² Università della Tuscia, Italy; alisa.spiegel@thuenen.de
	Financial sustainability in Italian FADN farms: insights for the RDP measures design Gabriele Dono, Rebecca Buttinelli, Raffaele Cortignani Università degli Studi della Tuscia, Italy; dono@unitus.it
4:45pm - 6:30pm	CP 2B: Agricultural Trade and GVC Session Chair: Alessandro Olper
	Can Sugar Agricultural and Trade Policies Make Us Fatter? A case study on sugar and the soft-drink market in Italy Giulia Tiboldo, Elena Castellari, Daniele Moro Università Cattolica del Sacro Cuore, Italy; giulia.tiboldo@unicatt.it
	The international trade impacts of Geographical Indications: hype or hope? Fabrizio De Filippis², Mara Giua², Luca Salvatici², Cristina Vaquero Pineiro¹ ¹ Department of Economics Roma Tre University, Italy; ² Department of Economics and Rossi-Doria Centre, Roma Tre University, Italy; cristina.vaqueropineiro@uniroma3.it
	GVC participation of Italian agri-food sector: an input-output approach Mauro Viccaro, Mario Cozzi, Adele Coppola, Severino Romano School of Agricultural, Forestry, Food and Environmental Sciences (SAFE), University of Basilicata, Italy; mauro.viccaro@unibas.it
	Trade openness, GVC participation and CO2 emissions: Evidences from a dynamic panel analysis applied to agriculture and food sector Ruggiero Sardaro, Nicola Faccilongo, Gianluigi De Pascale, Piermichele La Sala Department of Economics, University of Foggia, Italy; ruggiero.sardaro@unifg.it
	Global Value Chain, Tariffs and Food Standards Valentina Raimondi¹, Andreea Piri¹, Jo Swinnen^{2,3}, Alessandro Olper^{1,2} ¹ University of Milano, Italy; ² LICOS, KU Leuven, Belgium; ³ IFPRI; alessandro.olper@unimi.it

4:45pm - 6:30pm	CP 2C: Choice Modelling and New Environmental Perspectives Session Chair: Annalisa Zezza
	A choice model-based analysis of diversification in organic and conventional farms Andrea Bonfiglio, Abitabile Carla, Henke Roberto Research Centre for Agricultural Policies and Bioeconomy, CREA – Council for Agricultural Research and Economics, Italy; andrea.bonfiglio@crea.gov.it
	Consumers attitude towards sustainable seafood: a discrete choice experiment on discarded species in Italy Fabiana Natali, Luca Cacchiarelli, Giacomo Branca Department of Economics, Engineering, Society and Business Organization, Tuscia University, Italy; fabiana.natali@unitus.it
	The Socio-economic Impacts of Wastewater Sludge Valorisation: The Case of Biofertilizers in Italy. Gianmaria Tassinari^{1,2}, Stefano Boccaletti², Claudio Soregaroli² ¹ Agricultural Economics and Rural Policy Group, Wageningen University, Wageningen, The Netherlands; ² Dipartimento di Economia Agro-alimentare, Università Cattolica del Sacro Cuore, Piacenza, Italy; gianmaria.tassinari@unicatt.it
	Scientific information and cognitive bias in the case of new Breeding technologies: exploring Millennials behaviour in Italy Annalisa Zezza, Federica Demaria CREA-PB, Italy; annalisa.zezza@crea.gov.it
4:45pm - 6:30pm	CP 2D: Reshaping Agrifood Supply Chain Session Chair: Andrea Povellato
	Food Loss and Food Waste in the Food Supply Chain in the Philippines Maria Sassi², Anieluz Pastolero¹ ¹ Department of Economic and Management - University of Pavia; ² Department of Economic and Management - University of Pavia; acpastolero@gmail.com
	Fairness in food supply chain: consumer conceptualization Margherita Del Prete, Antonella Samoggia University of Bologna, Italy; margherita.delprete5@unibo.it
	The principles of Buen Vivir in support of forest cover transition in Latin America: are they effective? Federica Cappelli, Nicola Caravaggio, Cristina Vaquero Pineiro Department of Economics, Roma Tre University, Italy; nicola.caravaggio@uniroma3.it
	The reduction of food waste in the orange processing sector Carla Abitabile, Giovanni Dara Guccione, Francesca Giare', Alessandra Vaccaro CREA, Italy; giovanni.daraquccione@crea.gov.it
	Co-constructing market and policy instruments to face agroecological transition. Lessons from 15 case studies across Europe Francesco Galieto, Oriana Gava, Andrea Povellato, Francesco Vanni CREA - Research Center for Agricultural Policies and Bioeconomy, Italy; andrea.povellato@crea.gov.it

<p>4:45pm - 6:30pm</p>	<p>OS2: Contract Solutions for agri-environmental-climate public goods 2 Session Chair: Fabio Bartolini</p> <p>Organizers: Fabio Bartolini (University of Ferrara) Stefano Targetti (University of Bologna) Daniele Vergamini (University of Pisa) Matteo Zavalloni (University of Bologna)</p> <p>Why online platforms can be a game-changer for providing collaborative ecosystem services? Matteo Olivieri¹, Gerald Schwarz², <u>Daniele Vergamini</u>¹, Tania Runge², Fabio Bartolini³ ¹University of Pisa; ²Thünen-Institute of Farm Economics, Braunschweig, Germany, Italy; ³University of Ferrara, Italy; daniele.vergamini@agr.unipi.it</p>
	<p>Performance of contract solutions to deliver climate services: modelling structure Ana Iglesias¹, Davide Viaggi², <u>Pierre Dupraz</u>³, Fabio Bartolini⁴, Tania Runge⁵, Luis Garrote³ ¹Universidad Politécnica de Madrid (UPM); ²Department of Agricultural and Food Sciences, University of Bologna; ³Sciences, University of Bologna 3INRAE, SMART-LERECO (RENNES); ⁴Department of Chemistry, Pharmaceutical and Agriculture Science, University of Ferrara; ⁵Thünen-Institute of Farm Economics; pierre.dupraz@inrae.fr</p>
	<p>Implementing improved contract solutions for agri-environmental public goods: preliminary results from the CONSOLE survey in Emilia-Romagna <u>Nidhi Raina</u>, Riccardo D'Alberto, Stefano Targetti, Matteo Zavalloni, Meri Raggi, Davide Viaggi Università di Bologna, Italy; nidhi.raina@unibo.it</p>
	<p>Mainstreaming result-based contracts for biodiversity: Exploring the feasibility of the measurement of reference parameters for payments <u>Stefano Targetti</u>¹, Felix Herzog², Dirk Steinke³, Davide Viaggi¹ ¹Università Di Bologna, Italy; ²ART Agroscope; ³University of Guelph, Centre for Biodiversity Genomics; stefano.targetti@unibo.it</p>
<p>8.00 p.m.</p>	<p>Remote Social Dinner</p> <p>Waiting to meet again in person, we invite you to join our <i>Remote Social Dinner</i> and use the products you received to prepare a plate of <i>Pasta all'amatriciana</i>. For the recipe click here. Post pictures on https://www.facebook.com/aieaa</p>

DETAILED PROGRAM

FRIDAY, 11 JUNE 2021

9:00am - 10:45am	<p>Plenary session 3: 10th AIEAA Session: Meeting for a new AIEAA Mission Session Chair: Filippo Arfini</p> <p>Participants to the roundtable: Massimo Tagliavini, Associazione Italiana Società Scientifiche Agrarie (AISSA) Chema Jil, European Association of Agricultural Economists (EAAE) Joost Dessein, European Society for Rural Sociology (ESRS) Fatma Doner, European Society for Rural Sociology (ESRS) Janet Dwyer, UK Agricultural Economics Society (AES)</p>
10:45am - 12:00pm	<p>PS1: Poster session 1 Session Chair: Giovanni Sogari</p> <hr/> <p>The role of public policies on sustainable innovation in agri-food value chains Riccardo Borgia, Matteo Zavalloni, Davide Viaggi Università di Bologna, Italy; riccardo.borgia2@unibo.it</p> <hr/> <p>Dynamics of farmland concentration in Italy Antonella Tantari Council for agricultural research and agricultural economy analysis, Italy; antonella.tantari@crea.gov.it</p> <hr/> <p>Governance in the Italian processed tomato value chain: the case for an Interbranch Organisation Francesca Monticone, Antonella Samoggia University of Bologna, Italy; francesca.monticone2@unibo.it</p> <hr/> <p>Weather index-based insurance as tool for the risk management in agriculture: evidence from Apulia region Fabio Gaetano Santeramo, Gianluca Nardone, Marco Tappi University of Foggia, Italy; marco.tappi@unifg.it</p> <hr/> <p>Groundwater Pollution Determinants by agricultural activities. A case study from two Italian regions: Emilia-Romagna and Veneto Sabrina Auci¹, Andrea Pronti² ¹University of Palermo, Italy; ²University of Ferrara, Italy; sabrina.auci@unipa.it</p> <hr/> <p>An overview of the Marie Curie Project: “CONSUMEHealth. Using consumer science to improve healthy eating habits” Giovanni Sogari University of Parma, Italy; giovanni.sogari@unipr.it</p>

10:45am - 12:00pm	PS2: Poster session 2 Session Chair: Gaetana Petriccione
	Are entrepreneurial orientation and external environment key elements of business model innovation? Silvia Russo, Davide Viaggi, Meri Raggi University of Bologna, Italy; silvia.russo9@unibo.it
	Participatory Guarantee Systems (PGS): governance and social implications. Michele Maccari, Filippo Arfini University of Parma, Italy; michele.maccari@unipr.it
	The financial efficiency of Producer Organizations in the olive oil sector: An accounting ratio analysis Maria Rosaria Pupo D'Andrea, Gaetana Petriccione, Roberto Solazzo CREA Research Centre for Agricultural Policies and Bioeconomy, Italy; gaetana.petriccione@crea.gov.it
	Increasing resilience of short food supply chains in Caucasus region to address the consequences of the Covid-19: cases of Georgia, Armenia and Azerfijan Natalia Rastorqueva, Anna Kanshieva University of Gastronomic Sciences, Italy; n.rastorqueva@unisq.it
	The role of farm diversification in facing the COVID-19 pandemic. Hints from a case study in the province of Rome. Saverio Senni, Federico Monteleone Tuscia University, Italy; senni@unitus.it
12:00pm - 1:00pm	Plenary session 4: Price transmission and imperfect competition in the food industry Session Chair: Luca Salvatici Keynote speaker: Tim Lloyd (Bournemouth University) Discussant: Paolo Sckokai (Universita' Cattolica del Sacro Cuore)
1:00pm - 2:00pm	Lunch Break
2:00pm - 3:45pm	CP 3A: Food Security and Health Session Chair: Maria Sassi
	Scientific information, perception and willingness to pay to reduce food safety risks Emilia Lamonoca¹, Fabio Santeramo¹, Simone Cerroni^{2,3} ¹ University of Foggia, Italy; ² Queen's University Belfast, United Kingdom; ³ University of Trento, Italy; s.cerroni@qub.ac.uk
	Globalisation and Declining Individual Health Andreea Piriu University of Milan, Italy; andreea.piriu@unimi.it
	COVID19-related market disruptions for key horticultural crops in Zimbabwe: what did we learn? Martina Bozzola¹, Charles Dhewa², Clever Mukove² ¹ Queen's University Belfast, United Kingdom; ² Knowledge Transfer Africa; charles@knowledgegetransafrica.com
	Household nutrition security in countries in protracted crisis: the case of Western Bahr-el-Ghazal region in South Sudan Maria Sassi Department of Economics and Management - University of Pavia, Italy; maria.sassi@unipv.it

2:00pm - 3:45pm	CP 3B: Agrifood Markets and Coordination Session Chair: Luigi Roselli
	Diversity matters: understanding smallholders' market access in East Africa Valentina D'Amico¹, Luca Cacchiarelli¹, Chiara Perelli¹, Massimiliano Borrello², Giacomo Branca¹ ¹ Università degli Studi della Toscana, Italy; ² Università degli Studi di Napoli Federico II; v.damico@unitus.it
	Analysis of Ghana's Local Milk Value Chain: barriers to competitiveness Mavis Boimah¹, Lena Behrendt², Anoma Gunarathne² ¹ Thuenen Institute of Market Analysis, Germany; ² Thuenen Institute of Farm Economics, Germany; anoma.gunarathne@Thuenen.de
	Climate uncertainty, commodities availability and supply chain coordination. A case study from Italian durum wheat-pasta network Emanuele Blasi¹, Angelo Martella², Emanuele Tufarini¹, Clara Cicatiello¹, Lorenzo Fosci¹, Nico Sanna¹, Giovanni Chillemi¹ ¹ University of Tuscia, Department for Innovation in biological, agrofood and forests systems, Viterbo, Italy; ² University of Tuscia, Department of Economics, engineering, society and business organization, Viterbo, Italy; e.blasi@unitus.it
	Voluntary standards as meso-institutions: testing their relationships with transaction governance and risks within supply chain Claudio Soregaroli¹, Alessandro Varacca¹, Elena Claire Ricci², Silvia Platoni¹, Pascal Tillie³, Stefanelle Stranieri⁴ ¹ Università Cattolica del Sacro Cuore; ² Università degli Studi di Verona; ³ European Commission, Joint Research Centre; ⁴ Università degli Studi di Milano; claudio.soregaroli@unicatt.it
	Marketing of olive oil through B2C online marketplace: empirical evidences and practical implications Domenico Carlucci¹, Francesco Bimbo², Bernardo Corrado de Gennaro¹, Rosaria Viscecchia², Luigi Roselli¹ ¹ Università degli studi di Bari Aldo Moro, Italy; ² Università degli Studi di Foggia, Italy; luigi.roselli@uniba.it
2:00pm - 3:45pm	CP 3C: Methodological Issues Session Chair: Alessandro Corsi
	Understanding the Influence of Priming on Stated Choices for Environmental Goods Sandra Notaro, Konstantinos Hadjichristidis University of Trento, Italy; sandra.notaro@unitn.it
	Investigating the structure of agricultural economics through the text analysis of journal abstracts Leonardo Cei¹, Edi Defrancesco¹, Gianluca Stefani² ¹ Università degli Studi di Padova, Italy; ² Università degli Studi di Firenze, Italy; leonardo.cei@unipd.it
	Machine Learning to predict grains future prices - A comparison between LSTM networks and traditional approaches in forecasting agricultural commodity prices Paolo Libenzio Brignoli^{1,2}, Alessandro Varacca¹, Paolo Sckokai¹, Cornelis Gardebroek² ¹ Università Cattolica del Sacro Cuore, Piacenza, Italy; ² Wageningen University & Research, Wageningen, Netherlands; brignoli.paolo@outlook.it
	What Drives Farm Structural Change: Economic, Demographic and Succession Factors Alessandro Corsi¹, Silvia Novelli², Vito Frontuto³ ¹ University of Torino, Italy; ² University of Torino, Italy; ³ University of Torino, Italy; alessandro.corsi@unito.it

2:00pm - 3:45pm	CP 3D: Preparing the Future of the CAP Session Chair: Benedetto ROCCHI
	Italian subsidised crop insurance: what the role of policy changes Fabio Gaetano Santeramo, Emilia Lamonaca University of Foggia, Italy; emilia.lamonaca@unifg.it
	Identifying strategies for education and training policies in the agrifood and forestry sector: how to match the New Green Deal and the Farm to Fork priorities? Yaprak Kurtsal, Giacomo Rinaldi, Davide Viaggi University of Bologna, Italy; giacomomaria.rinald2@unibo.it
	Identification of levers for EU and national policies to facilitate the development of legumes in Europe Parthena Chatzinikolaou¹, Nunzia Gabriella Fasolino¹, Liz Lewis-Reddy², John Elliott², Matteo Zavalloni¹, Alban Lika¹, Meri Raggi³, Davide Viaggi¹ ¹ University of Bologna, Department of Agricultural and Food Sciences, Italy; ² ADAS consultancy, United Kingdom; ³ University of Bologna, Department of Statistics, Italy; parth.chatzinikolaou2@unibo.it
	Do Direct Payments Efficiently Support the Income of Small and Large Farms? Evidences From Italy Estimating Quantile Continuous Treatment Effects Stefano Ciliberti¹, Simone Severini², Giovanna Ranalli³, Luigi Biagini², Angelo Frascarelli¹ ¹ Università degli Studi di Perugia, Dipartimento di Scienze Agrarie Alimentari e Ambientali (DSA3), Perugia, Italia; ² Università degli Studi della Tuscia, Dipartimento di Scienze Agrarie e Forestali (DAFNE), Viterbo, Italia; ³ Università degli Studi di Perugia, Dipartimento di Scienze Politiche, Perugia, Italia.; stefano.ciliberti@unipg.it
	An analysis of the farm households' income gap along the whole income distribution in the European Union Benedetto ROCCHI¹, Maria Marino², Simone Severini³ ¹ University of Florence, Italy; ² Universitat Autònoma de Barcelona; ³ Università della Tuscia; benedetto.rocchi@unifi.it
2:00pm - 3:45pm	CP 3E: Agrienvironmental Policies Session Chair: Raffaele Cortignani
	How does the CAP greening affect farms' profitability and environmental practices? A Regression Discontinuity Design analysis Alessandro Varacca, Linda ARATA, Elena Castellari, Paolo Sckokai Università Cattolica del Sacro Cuore; alessandro.varacca@unicatt.it
	Assessing the economic and environmental impact of crop rotation with legumes under alternative policy instruments Alban Lika¹, Matteo Zavalloni¹, Parthena Chatzinikolaou¹, Nunzia Gabriella Fasolino¹, Meri Raggi², Davide Viaggi¹ ¹ University of Bologna, Department of Agricultural and Food Sciences, viale Fanin, 50, Bologna, 40127, Italy; ² University of Bologna, Department of Statistical Sciences "Paolo Fortunati", via Belle Arti, 50, Bologna, 40126, Italy; alban.lika3@unibo.it
	Do level and structure of the technical efficiency of farms participating to agri-environmental schemes differ from the other farms? Nicola Galluzzo¹, Cesare Meloni¹, Gordana Manevska Tasevska², Simone Severini³ ¹ Università della Tuscia - DEIM, Italy; ² SLU - Department of Economics, Sweden; ³ Università della Tuscia - DAFNE, Italy; nicoluzz@tin.it
	Farm to Fork strategy: restrictions on the use of chemical inputs and sustainability of Italian farms Raffaele Cortignani, Rebecca Buttinelli, Gabriele Dono Università degli Studi della Tuscia - DAFNE, Italy; cortignani@unitus.it

2:00pm - 3:45pm	<p>OS3: IAERE-AIEAA Session Session Chair: Davide Bazzana</p> <p>The effect of Investments, eco-labels and environmental subsidies on productivity: insights from Italian farms Monserath Ximena Lascano Galarza, Matteo Zavalloni, Riccardo D'Alberto, Meri Raggi, Davide Viaggi University of Bologna, Italy; monserath.lascano2@unibo.it</p>
	<p>Consumer preferences for meat-substitutes: an analysis of consumer intentions towards legume-based burgers in Europe Elena Claire Ricci¹, Alessandro Banterle² ¹Università degli Studi di Verona, Italy; ²Università degli Studi di Milano, Italy; elenaclaire.ricci@univr.it</p>
	<p>Seasonality Fingerprint on Global Trading of Food-commodities: A Data Mining Approach D. Bazzana¹, M. Castellini¹, N. Comincioli¹, R. Sabatini², S. Saccani², S. Quaini², S. Vergalli¹ ¹University of Brescia, Italy; ²Fondazione Eni Enrico Mattei; nicola.comincioli@unibs.it</p>
	<p>The productivity-environment nexus in space: granularity bias and aggregation issues with farm-level data Edoardo Baldoni¹, Silvia Coderoni², Roberto Esposti³ ¹Joint Reserch Centre, Seville; ²Università Cattolica del Sacro Cuore, Piacenza; ³Università Politecnica delle Marche, Ancona; edoardo.baldoni@gmail.com</p>
	<p>Impact of climate smart agriculture on food security: an agent-based analysis D. Bazzana^{1,2}, J. Foltz³, Y. Zhang^{4,5} ¹Università degli Studi di Brescia, Italy; ²Fondazione Eni Enrico Mattei, Milan, Italy; ³Department of Agricultural and Applied Economics, University of Wisconsin-Madison, Madison, USA; ⁴Department of Civil and Systems Engineering, Johns Hopkins University, Baltimore, USA; ⁵Department of Earth and Planetary Sciences, Johns Hopkins University, Baltimore, USA; davide.bazzana@unibs.it</p>
3:45pm - 4:00pm	<p>Coffee Break</p>
4:00pm - 5:00pm	<p>Plenary session 5 - Young Economists Session: Some personal views on questionable research practices and what to do about it</p> <p>Session Chair: Daniele Curzi</p> <p>Keynote speaker: Jens Rommel (Swedish University of Agricultural Sciences)</p> <p>Discussion</p>
5:00pm - 5:15pm	<p>Closing session</p>

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