

Pre-Conference Agenda

Research and Education Needs of Multilateral Bioeconomy Initiatives

Date: Monday, 06/July/2026

1:00pm - 1:15pm	Opening Remarks Location: Auditorium <i>Speaker: Stuart Smyth</i>				
1:15pm - 2:45pm	Global Bioeconomy Initiatives Location: Auditorium What are the global initiatives, what are main bioeconomy problems they seek to address, and what needs do they identify for research and education from the global academic community towards solving these problems? <i>Chair: Herrick Fox</i> <i>Discussant(s): Ben Durham, Peter Wehrheim, Illias Amnon, Vicente Araujo, Carina Pimenta, Marta Gomez San Juan, Thaís Linhares-Juvenal</i>				
2:45pm - 4:15pm	Global Initiatives Workshop Location: Auditorium Framing the problems the global initiatives seek to address: Organized by four biophysical resource domains, what are the research and education challenges relating to production (feedstocks), transformation (value chains) and allocation (risk/investment), and how can these be operationalized in the global initiatives? <table border="1"><tr><td>Forest <i>Rapporteur:</i> Marin Greimel</td><td>Agricultural <i>Rapporteur:</i> Julius Ecuru</td><td>Marine <i>Rapporteur:</i> Ruslana Palatnik</td><td>Microbial <i>Rapporteur:</i> Lotte Westerhof</td></tr></table>	Forest <i>Rapporteur:</i> Marin Greimel	Agricultural <i>Rapporteur:</i> Julius Ecuru	Marine <i>Rapporteur:</i> Ruslana Palatnik	Microbial <i>Rapporteur:</i> Lotte Westerhof
Forest <i>Rapporteur:</i> Marin Greimel	Agricultural <i>Rapporteur:</i> Julius Ecuru	Marine <i>Rapporteur:</i> Ruslana Palatnik	Microbial <i>Rapporteur:</i> Lotte Westerhof		
4:15pm - 5:00pm	Closing Synthesis <i>Chair: Herrick Fox</i> <i>Discussant(s): Mary Maxon, Justus Wesseler, David Zilberman</i>				

Conference Agenda

30th ICABR Conference 2026

Registration will be available all day, 9:30am – 4:15pm

Date: Tuesday, 07/July/2026

9:30am - 10:00am	Opening Remarks Location: Auditorium Chair: Stuart Smyth Welcome to ICABR 2026		
10:00am - 11:00am	Innovation and Food Security Location: Auditorium Innovation and Food Security – Moderated Panel Chair: Jose Falck-Zepeda Panelists: Stanford Blade, Marta Gomez, Matin Qaim		
11:00am - 1:00pm	Lunch		
1:00pm - 2:00pm	Food Systems and Changing Climates Location: Auditorium Food Systems and Changing Climates – Moderated Panel Chair: Regina Birner Panelists: Carlo Carraro, Koen Deconinck, Riccardo Valentini		
2:00pm - 2:30pm	Coffee Break		
2:30pm - 4:00pm	Seeding the Future Global Bioeconomy Metrics and Indicators Challenge – The Case for Africa Location: Auditorium Seeding the Future Global Bioeconomy Metrics and Indicators Challenge – The Case for Africa Chair: Food and Agriculture Organization (FAO) Participant(s): Julius Ecuru, Ben Durham, Lucia Gardossi, Cesar Barraza-Botet, Clara Wade Moderated Speaker Panel	AI and Industrial Tech Location: Evenson Room Chair: Yanhong Jin Bridging the Gap: How ArgumentAI Helps Science Respond to Misinformation and Build Innovation-Ready Narratives Stephan Becker-Sonnenschein, Johannes Richardt, Julian Arndts Genetic and Mechanical Innovations in Bioeconomy (Fruit) Value Chains: Public and Private Sector Roles and Collaboration R. Karina Gallardo, Jeta Rudi Polloshka, <u>Thomas Reardon</u> , David Zilberman Industrial Robots, Employment, and Workforce Composition: Firm-level Evidence from Italy Francesco del Puente, Yanhong Jin, Alessandro Sapio Generative AI and Industrial Transformation in South	senseApest: Portable Air Analysis Device for On-Site Pest Detection During Plants Import Controls Location: Santaniello Room senseApest: Portable Air Analysis Device for On-Site Pest Detection During Plants Import Controls Location Chair: Kutay Cingiz Participant(s): Daniel Nilsen Wright, Nikita Dara Presentations Introduction to senseApest Project <u>Kutay Cingiz</u> Sensors and Sensor Integration for senseApest’s Portable Detection Unit <u>Daniel Nilsen Wright</u> senseApest Project: Economic Impacts of the Use of Smart Detection Technology for Early Pest Detection <u>Nikita Dara</u>

		Korea: Measuring Exposure and Impacts Moonsoo Park, Yanhong Jin	
4:15pm – 5:15pm	Bioeconomy-adapted TNA Methodology – Food and Agriculture Organization (FAO) Location: Auditorium Bioeconomy-adapted TNA Methodology <i>Chair: Lev Neretin</i> <i>Participant(s): Justus Wesseler, Marta Gomez</i> <i>Presentations</i> Bioeconomy-adapted TNA Methodology Kutay Cingiz, Nori Kovacs, <u>Justus Wesseler</u>		
5:30pm – 7:30pm	Welcome Reception Location: Hotel Bonadies		

Date: Wednesday, 08/July/2026

<p>9:00am – 10:00am</p>	<p>P3s – Public, Private, and Philanthropic Contributions to the Bioeconomy Location: Auditorium</p> <p>P3s – Public, Private, and Philanthropic Contributions to the Bioeconomy – Moderated Panel <i>Chair: Stuart Smyth</i> <i>Panelists: Laurie Goodwin, Mary Maxon, Johan Swinnen</i></p>		
<p>10:00am – 10:30am</p>	<p>Coffee Break</p>		
<p>10:30am – 12:00pm</p>	<p>Regulations Location: Auditorium <i>Chair: Kutay Cingiz</i></p> <p>Impacts of Hazardous Pesticide Reduction in Europe Yan Jin, <u>João Godinho</u>, Zuzana Smeets Kristkova, Adam N. Walker, Kutay Cingiz, Hans van Meijl</p> <p>Enforcement Under Uncertainty: A Real Options Approach to EU NGT Public and Ex-Post Regulation Aleksandra Hubar-Kolodziejczyk, <u>Margherita Simonetti</u></p> <p>An Admissibility Framework for Risk-Generating Technologies: Safety-Fixed Constraints and Irreversibility <u>Kutay Cingiz</u>, Justus Wesseler</p> <p>Knowledge Partnerships and Innovation Upgrading: University-Industry Linkages in China’s Seed Industry <u>Haiyan Deng</u>, Xiaohe Wen, Carl Pray</p> <p>Neonicotinoid Regulation, Consumer Preferences, and the Future of Innovation in the Insecticide Bioeconomy <u>Katherine Dentzman</u>, Derek Franklin, Edem Avemegah, Jessica Goldberger</p>	<p>Policy Location: Evenson Room <i>Chair: Peter Wehrheim</i></p> <p>Modelling Global Spillovers of Public Agriculture R&D <u>Ariel Ortiz-Bobea</u></p> <p>What Would it Take for Australia to Develop a Circular Bioeconomy and Can Current Policy Setting Get Us There? <u>Melita Jazbec</u>, Samantha Sharpe, Dana Cordell</p> <p>From Life Sciences to Bioeconomy: The Institutional Foundations of the Bioeconomy as an EU Policy <u>Peter Wehrheim</u>, Adrian Leip, John Bell, Elisabeta Balzi</p> <p>Microalgae-Based Bioinputs in Soybean cultivation in the Brazilian Cerrado – A Multi-site Exploratory Field Study on Soil Carbon Dynamics and Voluntary Carbon Market Potential Natalia Moreno Viana, Dágon Manoel Ribeiro, Roney Fraga Souza, Jamilsen de Freitas Santos, <u>Jaim da Silva Junior</u></p>	<p>Bioinputs Location: Santaniello Room <i>Chair: Derek Brewin</i></p> <p>Do Conservation Practices Reduce Synthetic Nitrogen Demand? Evidence from U.S. Agriculture Cheng Bi, <u>Gal Hochman</u>, Natalia D’Agosti</p> <p>Natural Fiber Composites in construction: Economic Implications for Baden-Wuerttemberg <u>Alina Rossa</u>, Franziska Schuenemann</p> <p>Is Private Research Substituting for Public Research in U.S. Wheat Improvements? <u>Yoko Kusunose</u>, Keith Fuglie</p> <p>Estimating the Impact of a New Pool of Soil Inoculants: A Simulation Based on a Multidisciplinary Research Project in Canada <u>Derek Gerald Brewin</u>, Syed Shah, Alexander Ennin, George DiCenzo, Ivan Oresnik, Matthew Bakker, Terrence Bell, Olivia Wilkins</p>
<p>12:00pm – 1:30pm</p>	<p>Lunch</p>		
<p>1:30pm – 3:00pm</p>	<p>Transitioning Global Agriculture to a More Sustainable Footing: The Contribution of GM and GE Crop Technologies</p>	<p>Public Acceptance Location: Evenson Room <i>Chair: Ruslana Palatnik</i></p>	<p>Bioenergy Location: Santaniello Room <i>Chair: David Wells Roland-Holst</i></p>

	<p>Location: Auditorium</p> <p>Transitioning Global Agriculture to a More Sustainable Footing: The Contribution of Genetically Modified (GM) and Gene Edited (GE) Crop Technologies <i>Chair: Eric Sachs</i> <i>Participant(s): Graham Brookes, Stuart Smyth, Jose Falck-Zepeda, Derek Gerald Brewin</i></p> <p><i>Presentations</i></p> <p>Update of the Global Impact of GM Crops: Socio-Economic and Environmental Impacts Associated with Pesticide Use Change and Carbon Emissions to Include the Years 2021-2024 <u>Graham Brookes</u></p> <p>The Contribution of Glyphosate and GM Herbicide Tolerant Technology to Reducing Global Greenhouse Gas Emissions <u>Graham Brookes</u></p> <p>Pesticide Use and Carbon Emission Changes in Canadian Prairie Agriculture with Widespread Use of GM Crops <u>Stuart Smyth</u></p> <p>Economic Assessment of the Canola Biotech Industry in Canada and Public Policy <u>Derek Gerald Brewin, Malla Stavroula</u></p> <p>Economic Impact Assessment of Genetically Modified and Gene Edited Crops in Low and Middle-Income Countries – Selected Case Studies <u>Jose Falck-Zepeda</u></p>	<p>Adoption of Dynamic Pricing in Food Retailing as a Means to Reduce Food Waste Reduction? Understanding Barriers to Adoption <u>Amir Heiman, Monika Hartmann, Milan Tatic</u></p> <p>(Some) Consumers Value Alternative Carbon Sources: Evidence from Germany <u>Leonardo Simionato, Sascha Stark, Sandra Venghaus</u></p> <p>Citizens’ Purchase Intention of Foods Containing NGTs: A Cross-Country Experimental Study <u>Mirta Casati, Alessandro Varacca, Stefanella Stranieri, Claudio Soregaroli</u></p> <p>Challenges and Opportunities for Advancing California’s Seaweed Industry <u>Alexandra Hill</u></p>	<p>Innovations in Community Bioenergy: How California’s Experience Can Benefit Global Agriculture <u>David Wells Roland-Holst, David Zilberman</u></p> <p>Environmental Footprint as a Decision Metric in Diet Variation Black Soldier Fly Cultivation Systems Raphael Sapir Tavor, Ilan Halachmi, <u>Shira Buckhin-Peles</u></p> <p>Why Minimum-Price Policies Alone are Insufficient to Stabilize the Supply of Agricultural Residual Biomass for Second-Generation Ethanol Stéphani Cetimiamariotti Ruiz, <u>José Maria Ferreira Jardim da Silveira, Marcelo Marques Magalhães</u></p> <p>Crop Residue Management in India: Assessing Health Impacts and Potential for Bio-Energy <u>Sangeeta Bansal, Pranav Mishra, Madhu Khanna</u></p>
3:00pm – 3:30pm	Coffee Break		
3:30pm – 5:00pm	<p>Brazil’s Energy and Bioeconomy Transition: Innovation in Biofuels and Policy Implications Location: Auditorium</p> <p>Brazil’s Energy and Bioeconomy Transition: Innovation in Biofuels and Policy Implications <i>Chair: Carl Pray</i></p>	<p>Understanding the Risks Constraining the Bioeconomy: Evidence, Implications, and Developing Countries Location: Evenson Room</p> <p>Understanding the Risks Constraining the Bioeconomy: Evidence,</p>	<p>Livestock Location: Santaniello Room <i>Chair: Tilman Reinhardt</i></p> <p>Measurement-based MRV for Next-Generation In-setting Carbon Governance in Livestock Production: Implications for Institutional Design, Market Formation,</p>

<p><i>Participant(s):</i> Geraldo Martha, Cicero Zanetti de Lima, Tecila Ferracino de Souza, Rodrigo Maule, Madhu Khanna</p> <p><i>Presentations</i></p> <p>The Brazilian Bioeconomy <u>Cicero Zanetti de Lima</u></p> <p>Opportunities and Challenges for Expanding Biofuels in Brazil <u>Geraldo Martha</u></p> <p>The Macauba Biofuel Case – A Private Sector Perspective on Challenges and Opportunities <u>Tecila Ferracino de Souza</u></p> <p>The Macauba Biofuel Case – A Regional Development Perspective <u>Rodrigo Maule</u></p> <p>Brazil’s Energy and Bioeconomy Transition: An International Perspective <u>Madhu Khanna</u></p>	<p>Implications, and Developing Countries <i>Chair:</i> David Zilberman</p> <p><i>Presentation(s):</i> Madhu Khanna, Justus Wesseler, Jose Falck-Zepeda</p> <p><i>Presentations</i></p> <p>The Impact of Regulation on Biotechnology Adoption in Developing Countries: What WE Lost and How to Accelerate Progress <u>Jose Falck-Zepeda</u></p>	<p>and International Standardization <u>Atsuo Ikeguchi, Masakazu Yajima, Masaaki Hoshino, Yu Shimizu, Kazuhisa Matsueda, Hiroto An</u></p> <p>Analysing Policy Instruments for GHG Emission Reduction in the Italian Dairy Sector: A Modelling Approach <u>Fabio Bartolini, Razieh Hassannia, Georges Assaker, Maria Raimondo</u></p> <p>Public Preferences for Grazing Management and Grassland Ecosystem Service Provision <u>Huan Chen, Xiaoli Fan, James Cahill, Carolyn Fitzsimmons</u></p> <p>Global Economic Realities for Gene-Edited Porcine Respiratory and Reproductive Syndrome (PRRS)-Resistant Pig Adoption <u>Claire E. Williams, Stuart J. Smyth</u></p> <p>Innovate Feed Law: Enabling Functional Innovation for Sustainable Livestock Systems <u>Tilman Reinhardt, Alessandro Monaco</u></p>
--	---	---

Date: Thursday, 09/July/26

<p>8:30am – 10:00am</p>	<p>Dynamic Innovation in Bioeconomy Value Chains in Africa and Asia Location: Auditorium</p> <p>Dynamic Innovation in Bioeconomy Value Chains in Africa and Asia <i>Chair(s): Thomas Reardon, Vincenzina Caputa, David Zilberman</i></p> <p><i>Presentation(s): Saweda Liverpool-Tasie, Sudha Narayanan, Lilian Kirimi</i></p> <p><i>Presentations</i></p> <p>Harnessing Consumption-Side Drivers to Orient and Reward Bioeconomy Value Chain Innovation <u>Vincenza Caputa</u></p> <p>Bioeconomy Innovation Driven by Coevolution of Product Supply Chains and Innovation Supply Chains <u>David Zilberman</u></p> <p>Post-Harvest Innovations and Service Provision by Government and by Private Sector Supply Chain Actors in Horticulture in Nigeria <u>Saweda Liverpool-Tasie, Thomas Reardon</u></p> <p>Government Assisted and Grassroots Rural Clusters with Growth, Innovation, and Inclusion in Horticulture Value Chains in India <u>Sudha Narayanan</u></p> <p>National Agricultural Research System (NARS), Seedlings Enterprises, and Midstream Services Facilitating Dynamic Growth in Tomato Value Chains and Clusters in Kenya Thomas Reardon, <u>Lilian Kirimi</u></p>	<p>Gene Editing Location: Evenson Room <i>Chair: Jose Falck-Zepeda</i></p> <p>Economic and Environmental Impacts of Genome-Edited Crop Adoption in Europe <u>Zuzana Smeets Kristkova, Yan Jin, Justus Wesseler Maxmilian Kardung</u></p> <p>The Global Scientific Consensus on Genetically Modified Crop Risk Assessments <u>Luiza Favaratto, Savannah Gleim, Stuart Smyth</u></p> <p>Genetically Modified Pod-Borer Resistant Cowpea: Value Chain Issues in Kano State, Nigeria <u>Jose Benjamin Falck-Zepeda, Haliru Yusuf, Patricia Zambrano</u></p> <p>Shareholder Priorities for Genome-Edited, Apomictic Hybrid Rice in India <u>Shriya Rangarajan</u></p>	<p>Sustainable Agriculture Location: Santaniello Room <i>Chair: Lorenza Lorenzetti</i></p> <p>Policy Mixes for a Sustainable Protein Transition in the European Union <u>Alessandro Monaco</u></p> <p>Innovation for Sustainable Productivity Growth in Agriculture <u>Mercedes Campi</u></p> <p>Bioeconomy Strategies as Debt Instruments: Modeling CO₂ Sequestration and Debt Reduction in African Countries <u>Lorenza Alexandra Lorenzetti</u></p> <p>Strategic Choice Drives Sustainability Innovation: Evidence from the European Community Innovation Survey <u>Ghazi Allagui, Sascha Stark, Sandra Venghaus</u></p>
<p>10:00am – 10:30am</p>	<p>Coffee Break</p>		
<p>10:30am – 12:00pm</p>	<p>The Evolving Role of Public Good Research in Global Food Systems Location: Auditorium</p> <p>The Evolving Role of Public Good Research in Global Food Systems</p>	<p>Counting What Counts: Advancing True Cost Accounting for Agrifood Systems Location: Evenson Room</p> <p>Counting What Counts: Advancing True Cost</p>	<p>Intellectual Property Location: Santaniello Room <i>Chair: Anwar Naseem</i></p> <p>Antitrust and Private Sector Innovation in Agriculture <u>James MacDonald</u></p>

	<p>Chair: Prabhu Pingali <i>Participant(s): Jo Swinnen, Ruben Echeverria, Carl Pray, Stanford Blade</i></p> <p><i>Presentations</i></p> <p>Role of Regional Research Networks for Innovation and Technology Transfer <u>Ruben Echeverria</u></p> <p>International Public Good Policy Research in Growing National and Regional Capacities <u>Johan Swinnen</u></p> <p>The Growing Role of Public R&D in the Design and Development of Digital Tools for Smallholder Production Systems in the Global South <u>Carl Pray</u></p>	<p>Accounting for Agrifood Systems Chair: Carlo Azzarri <i>Participant(s): Estefania Marti Malvido, Flaminia Ortenzi, Aslihan Arslan</i></p> <p><i>Presentations</i></p> <p>Integrated True Price Framework and Assessment Method <u>Estefania Marti Malvido</u></p> <p>Quantifying the Health of Externalities of Food: A Scoping Review of True Cost Assessment Methods Flaminia Ortenzi, Kerstin Damerou, Eleonaro Basseti, Julia Boedecker, Natasha Bishop, Wendy Gonzalez, Estefania Marti Malvido, Stella Nordhagen, Ty Beal</p> <p>Valuing a Healthy Life and Implications for Decision-Making for Agrifood Systems Transformation <u>Aslihan Arslan, Kathleen Merrigan</u></p> <p>The True Costs of Banana Production in Columbia Rui Benfica, <u>Carlo Azzarri</u>, Kristin Davis</p>	<p>Intellectual Property Strategies to Protect New Gene Edited Crops <u>Roberto Juan Feeney</u></p> <p>Intellectual Property as an Innovation Engine: How Strong IP Protection Transformed Brazil's Corn Sector and Competitive Advantage in a Global Bioeconomy <u>Antônio Márcio Buainain, Adriana Carvalho Pinto Vieira, Andréa Leda Ramos de Oliveira, José Maria Ferreira Jardim da Silveira, Marcelo Marques Magalhães, Vinicius Ferrari</u></p> <p>Tracking Two Decades of Seed Innovation: Evidence from India's Plant Variety Protection System <u>Anwar Naseem</u></p>
<p>12:00pm – 1:30pm</p>	<p>Lunch</p>		
<p>1:30pm – 3:00pm</p>	<p>The Bioeconomy and One Health as Interdependent Governance Frameworks Location: Auditorium</p> <p>The Bioeconomy and One Health as Interdependent Governance Frameworks Chair: Sara Savastano <i>Participant(s): Giuseppe Novelli, Vincenzo Atella, Federico Perali, Riccardo Scarpa, Pasquale Scandizzo, Carl Pray</i></p> <p><i>Presentations</i></p> <p>The Role of Genomics and Personalized Medicine within the One Health Framework <u>Giuseppe Novelli</u></p> <p>Economic Implications and Costs of Demographic and Health Transitions <u>Vincenzo Atella</u></p>	<p>Developing a Generalized Framework for Regulatory Scenario Identification and Applying Real Options Methodology in Innovation Policy Location: Evenson Room</p> <p>Developing a Generalized Framework for Regulatory Scenario Identification and Applying Real Options Methodology in Innovation Policy Location Chair(s): João Godinho, Margherita Simonetti <i>Participant(s): Justus Wessler, Kai Purnhagen, Zuzana Smeets, Kristkova, Yan Jin, Kutay Cingiz</i></p> <p><i>Presentations</i></p> <p>Maximum vs. Minimum Harmonization: What to Expect from the Institutional and Legal</p>	<p>Supply Chains Location: Santaniello Room Chair: Felicia Wu</p> <p>Adoption of Advanced Varieties to Enhance the Introduction of Bioeconomy Solutions <u>David Zilberman, Hamza Husain, Sat Khalsa, Felipe Silva</u></p> <p>A Dynamic Model on the Development of the Bioeconomy Supply Chains <u>Meilin Ma, Kaiwen Wang, David Zilberman</u></p> <p>Embodied Knowledge in Global Agrifood Demand: Mapping Innovation Throughout Global Agrifood Value Chains <u>Federico Parmiggiani, Kutay Cingiz, Gianmaria Tassinari,</u></p>

	<p>Innovative Bioeconomy and Standard of Living in the One Health Platform <u>Federico Perali</u></p> <p>The Ethical, Social, and Geopolitical Dimensions of the One Health Paradigm <u>Pasquale Lucio Scandizzo</u></p> <p>How Agricultural Innovation, Biotechnology, and Food Policies Can Address Global Health and Resilience <u>Carl Pray</u></p>	<p>Battles in the EU on Gene Editing Technologies <u>Kai P. Purnhagen, Justus Wesseler</u></p> <p>Options for Regulating New Genomic Techniques for Plants in the European Union <u>Kai P. Purnhagen, Yasmine Ambrogio, Detief Barsch, Dennis Eriksson, Petra Jorasch, Jena Kahrmann, Maximilian Kardung, Alexandra Molitorisová, Alessandro Monaco, Amrit K. Nanda, Jörg Romeis, Nils Rostoks, Katharina Unkel, Xenia T. Schneider</u></p>	<p>Justus Wesseler, Claudio Soregaroli</p> <p>Agricultural Biotechnologies Old and New Improve Food Safety and Public Health <u>Felicia Wu, Jina Yu, David Hennessy</u></p>
<p>3:00pm – 3:45pm</p>	<p>Annual General Meeting (AGM) – open to all registrants Location: Auditorium Chair: Stuart Smyth</p>		
<p>3:45pm – 5:15pm</p>	<p>Consumer Acceptance of Emerging Products and Technologies in the Agri-Food Sector Location: Auditorium</p> <p>Consumer Acceptance of Emerging Products and Technologies in the Agri-Food Sector Chair(s): Rachele De Cianni, Vincenzina Caputo Participant(s): Daniele Asioli, Mirta Casati, Claudia Bazzani</p> <p><i>Presentations</i></p> <p>Beyond the Field: Consumer Valuation of Vertically Farmed Lettuce in a Multi-Country Investigation <u>Daniele Asioli, Marija Banovic, Giovanni Sogari</u></p> <p>Enhancing Public Trust in Gene-Edited Foods: Evidence from a Vignette Experiment <u>Mingcong Xie, Vincenza Caputo, Valerie Kilders, Anam Ali</u></p> <p>Consumer Preference Structure for Upcycled Ingredients: Do Beliefs Matter? Evidence from a Stated Preference Survey <u>Marta Bonioli, Claudia Bazzani, Petr Mariel</u></p> <p>Upcycled Yet Underexplored: Linking Sensory Experience and Consumer Preference for Upcycled Dairy Innovations <u>Mirta Casati, Livia Bartolomei, Linda Arata, Milena Lambri, Veronica Vitali, Elena Castellari</u></p>	<p>Biomass Location: Evenson Room Chair: José Maria Ferreira de Silveira</p> <p>Biogas in Transition: Evolutionary Patterns and Emerging Opportunities in the Global Bioeconomy (1990-2020) <u>Luis Felipe de Souza Rodrigues, Roney Fraga Souza, Júlio Cesar de Carvalho Miranda, José Maria Ferreira Jardim da Silveira</u></p> <p>Agent-based Model for the Assessment of Biomass Supply Chains for Biogas and Biomethane <u>Marcelo Marques Magalhães, Stéphanie Cetimia Mariotti Ruiz, José Maria Ferreira Jardim da Silveira</u></p> <p>Measuring Value Added of Biomass in the EU: Analysis of Quantity of Biomass Processed and Value Added Generated by Sector <u>Patricia Gurria, Jesús Lasarte-López</u></p> <p>Biomass and Precision Fermentation in Germany: A Qualitative Analysis of the Innovation and Production Supply Chain of Food Startups <u>Matthis Harms, Sophie-Dorothee Lieke, Clara Mehlhose, Sarah Iweala</u></p>	<p>Circular Use of Macroalgae – Innovations, Applications, and Global Opportunities Location: Santaniello Room</p> <p>Circular Use of Macroalgae – Innovations, Applications, and Global Opportunities Chair: Ruslana R. Palatnik Participant(s): David Zilberman, Noam Moses</p> <p><i>Presentations</i></p> <p>Macroalgae for Carbon Sequestration and Agricultural Biostimulants: Economic Perspectives on Environmental Regulations <u>David Zilberman</u></p> <p>Macroalgae for Nitrogen Removal from Desalination Brine: A Circular Approach to Environmental Remediation and Agricultural Value Creation <u>Ruslana Palatnik</u></p> <p>Algae and the Aquaculture Bioeconomy <u>Noam Moses</u></p>

	<p>Consumer Acceptance of Upcycled Foods: A Sensory-Demand Analysis</p> <p>Rachele De Cianni, Vincenza Caputo, Emily Mayehew, Linda Riley</p>		
6:30pm	<p>Gala Dinner – Shuttle Pick up Location: TBD</p>		
7:00pm – 11:00pm	<p>Gala Dinner Location: Gli Ulivi Restaurant (Palazzo Pascal) <i>Sponsor(s):</i></p>		

Date: Friday, 10/July/26

<p>8:30am – 10:00am</p>	<p>Multidimensional Impacts of a Circular Bioeconomy from Local to Global Scales Location: Auditorium</p> <p>Multidimensional Impacts of a Circular Bioeconomy from Local to Global Scales <i>Chair: Madhu Khanna</i> <i>Participant(s): Gal Hochman, Ruslana Palatnik</i></p> <p><i>Presentation</i></p> <p>The Economic and Policy Challenges of Mitigating Nitrous Oxide Emissions <i>Gal Hochman, Madhu Khanna, Jeff O'Hara, David Zilberman</i></p> <p>Optimizing Nutrient Loss Reduction: Integrated Strategies for the Raccoon River Basin <i>Yu-Kai Huang, Madhu Khanna</i></p> <p>Beyond the Tap: The Value of Alternative Water Sources for Climate Adaptation <i>Ruslana Palatnik, Julia Sirota, Orna Raviv, Francesco Bosello, Ramiro Parrad, Dor Fridman, Taher Kahil, Mordechai Shechter</i></p>	<p>Farmer Acceptance and Bioeconomy Governance Location: Evenson Room <i>Chair: Brian Senyange</i></p> <p>Sustainable Bioeconomies: A Holistic Policy Approach <i>Philipp Aerni, Ursula Jenal</i></p> <p>Farmers' Preferences and Willingness-to-Pay for Tissue Culture Coffee Seedlings: An Integrated AHP-DCE Approach <i>Brian Senyange, Diana Kirungi, Joshua Wesana, Xavier Gellynck, Guido Van Huylenbroeck, Desiana Nuriza Putri, Susie Teshome Belay, Duc Tran, Hans De Steur</i></p> <p>Adoption Potential of VOC-Sensor Technology for Pest and Pathogen Detection in European Nurseries: Insights from a Cross-Country Discrete Choice Experiment <i>Stelios Kartakis, Insa Thiermann, Kutay Cingiz, Justus Wessler</i></p> <p>Assessing Farmers' Willingness to Cultivate Genome-Edited Crops and Evolutionary Population: A Quantitative Analysis of Emilia-Romagna Farm Holdings <i>Filippo Arfini, Michele Donati, Federica De Maria</i></p>	<p>Policy, Governance, and Regulatory Bridges and Barriers to Innovative Pest Management Location: Santaniello Room</p> <p>Policy, Governance, and Regulatory Bridges and Barriers to Innovative Pest Management <i>Chair: Katherine Dentzman</i> <i>Participant(s): Sonia Graham, George Frisvold, Amy Asmus</i></p> <p><i>Presentations</i></p> <p>Community-Led Governance of Pesticide Resistance <i>Katherine Dentzman</i></p> <p>International Pesticide Distribution and Relationships of Reliance <i>Sonia Graham</i></p> <p>Economic Methods of Pest Resistance Management Policy Analysis <i>George Frisvold</i></p>
<p>10:00am – 10:30am</p>	<p>Coffee Break</p>		
<p>10:30am – 12:00pm</p>	<p>Innovation Systems Location: Auditorium <i>Chair: George Frisvold</i></p> <p>The Role of Universities in Regional Bioeconomy Innovation Systems <i>George Frisvold</i></p> <p>Assessing Barley Variety Research Using DCE Modelling to Estimate Updated Benefit-Cost Ratios <i>Dallas McIntosh, Peter Slade</i></p>	<p>Circular Bioeconomy Location: Evenson Room <i>Chair: Ruslana Palatnik</i></p> <p>Can Food Systems Become “Circular”? <i>Rob Vos, Will Martin, Reza Nia</i></p> <p>From Constraint into an Asset: Water and Food Security Through a Circular Bioeconomy <i>Ruslana R. Palatnik, Noam Mozes, Alexander Golberg, David Zilberman, Gal Hochman</i></p>	<p>Navigating the “Fast and Furious” Landscape: Building a High-Performance Regime for Emissions Intensity Verification of Agricultural Supply Chains Location: Santaniello Room</p> <p>Navigating the “Fast and Furious” Landscape: Building a High-Performance Regime for Emissions Intensity Verification of Agricultural Supply Chains <i>Chair: Koen Deconinck</i></p>

	<p>The Brewing Problem of Off-Patent Genetically Modified Crops <u>Jennifer Carter-Johnson</u></p> <p>Returns to Research on the Agricultural Bioeconomy in Developing Countries <u>Keith Owen Fuglie</u></p>	<p>Cost-Effectiveness and Risk Assessment of Integrated Pest Management Strategies: Evidence from Spotted Wing Drosophila <u>Bingyan Dai</u>, Miguel I. Gómez, Xiaoli Fan, Gregory Loeb, Binita Shrestha, Stephen Hesler</p> <p>Sustaining the Loop: A Systematic Literature Review on Circular-to-Circular Transformation Pathways in the Pulp and Paper Industry <u>Tobias Morbe</u>, Florian Siekmann, Sandra Venghaus</p>	<p><i>Participant(s):</i> Thomas Reardon</p> <p><i>Presentations</i></p> <p>Measuring Carbon Footprints of Agri-Food Products: Eight Building Blocks <u>Koen Deconinck</u></p>
12:00pm – 1:30pm	Lunch		
1:30pm – 3:00pm	<p>Reflections on 30 Years of ICABR Conferences Location: Auditorium</p> <p>Reflections on 30 Years of ICABR Conferences <i>Chair: Stuart Smyth</i></p> <p><i>Participant(s):</i> Regina Birner, Vincenzina Caputo, José Maria da Silveira, Dušan Drabik, Jose Falck-Zepeda, Yanhong Jin, Madhu Khanna, Lorenza Lorenzetti, Anwar Naseem, Carl Pray, Sara Savastano, Pasquale Scandizzo, Justus Wesseler, David Zilberman, Philipp Aerni</p>		
3:00pm – 3:15pm	<p>Closing Remarks <i>Chair: Stuart Smyth</i></p>		