

26th ICABR Conference Agenda

Times are in CEST (Italian Time)

When you sign up for a session (by clicking on the link below it), the times of numerous cities from which ICABR member around the world have signed up from will be presented to better guide you in your local time zone.

Should you have any questions, please contact us at: icabr2022@conftool.com

Date: Tuesday, 05/July/2022

9:00am - 12:00pm	Improving Food System Resiliency through Regulatory Harmonization Session Chair: Stuart Smyth Location: Prodi Room This is a pre-conference workshop from 09:00 to 12:00. Interested participants have to register for the workshop. Zoom Registration: Click here to register and/or link to the session
2:00pm - 5:00pm	BioBEC/EBU Location: Prodi Room This is a pre-conference workshop from 14:00 to 17:00. Interested participants have to register for the workshop. The workshop is organized by the BioBEC project in collaboration with the European Bioeconomy Universities (EBU). Zoom Registration: Click here to register and/or link to the session
6:00pm - 8:00pm	Reception University of Bologna, Piazza San Giovanni in Monte, 2 – 40124

Date: Wednesday, 06/July/2022

9:00am	ICABR 2022 Conference			
-	Location: Prodi Room ICABR President: Justus Wesseler			
9:30am	Zoom Registration: Click here to register and/or link to the session			
9:30am	Sir Richard J. Roberts: Combatting Hunger and Climate Change with Biotechnology			
-	Location: Prodi Room Session Chair: David Zilberman			
10:30am	Zoom Registration: Click here to register and/or link to the session			
10:30am	Coffee Break			
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11:00am	Innovation, Climate Change, and the Bioeconomy			
11:00am	Location: Prodi Room			
-	Session Chair: Davide Viaggi			
12:00pm	Participants: Christian Gollier, Madhu Khanna, Richard Roberts, David Zilberman.			
	Zoom Registration: Click here to register and/or link to the session			
12:00pm	Parallel Session #1a	Parallel Session #1b	Parallel Session #1c	Parallel Session #1d Poster Session
-	Location: Prodi Room	Location: Capitani Room	Location: Fumagali Room	Location: Gualandi Room
1:00pm	Session Chair: Carl Pray	Session Chair: Kutay Cingiz	Session Chair: Ruslana Palatnik	Session Chair: Giacomo Maria Rinaldi
	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session
	Innovation systems for growing a sustainable Bioeconomy <u>Carl Pray</u> , Regina Birner	Adoption challenges of bioplastics value chains <u>Roberto Juan Feeney</u>	Agents characteristics and their links from the modeling of the sugarcane biomass supply chain Stéphanie C. M. Ruiz, <u>Marcelo M. Magalhaes</u> , José Maria J. F. Silveira	Ugandan smallholder food security in the face of the covid-19 pandemic <u>Michelle B. Saunders</u> , Travis W. Reynolds, Daniel Tobin
	Benevolent Patent Extensions: A New Policy Instrument to Induce Impact Investment <u>Christopher B. Barrett</u>	An economic review of biopolymer Cyanophycin production from tobacco <u>Kutay Cingiz</u> , Justus Wesseler	The Economics of Aquatic Plants: The Case of Algae and Duckweed <u>Ruslana R Palatnik</u> , Gal Hochman, David Zilberman	The potential of the insurance industry to finance climate mitigation - an empirical analysis <u>Moran Nabriski</u> , Ruslana Rachel Palatnik, Colin Price
				From sectorial Knowledge and Innovation Systems (KIS) to a unified Knowledge and Innovation System for Bioeconomy (KISB): the BIObec project experience <u>Giacomo Maria Rinaldi</u> , Marco Maria Grande, Yaprak Kurtosal, Davide Viaggi
				Barcelona's Urban Metabolism: An Economy-Wide Material Flow Analysis

1:00pm

Lunch Break

-

2:00pm

2:00pm

-

3:30pm

Parallel Session #2a

Location: Prodi Room
Session Chair: Dilshad Zahan Ethen

Zoom Registration: [Click here to register and/or link to the session](#)

Willingness to buy and pay for meat substitutes: The role of moral and environmental concerns relative to degree of similarity to todays products

Amir Heiman, David Zilberman

The Impact of Information Provision on Consumers' Expectations: Evidence from Golden Rice in Bangladesh

Dilshad Zahan Ethen, Mohammad Jahangir Alam, Hans De Steur

Comparing the Effect of Targeted Research and Innovation Measures on Local Bioeconomy Employment in Rural and Non-rural Areas

Maximilian Kardung, Dusan Drabik, Justus Wesseler

Parallel Session #2b

Location: Capitani Room
Session Chair: Richard S Gray

Zoom Registration: [Click here to register and/or link to the session](#)

Scaling up the Black Soldier Fly industry: An investigation of supply chain dynamics

Shira Bukchin Peles, David Zilberman

Genome Edited Drought Resistant Rice: Will Costa Rican Consumers Bite?

Diego Maximiliano Macall, Johnny Madrigal-Pana, Stuart Smyth, Andrés Gatica Arias

The Measurement of Photosynthetic and Respiratory CO2 Flux and Why it Matters for Innovation in the Bioeconomy

Richard S Gray, Elisabeta Lika

Parallel Session #2c

Location: Fumagali Room
Session Chair: José Maria Ferreira Jardim Silveira

Zoom Registration: [Click here to register and/or link to the session](#)

How much does IP improve the diffusion of technology?

José Maria F.J. Silveira, Marcelo Marques Magalhães

Eco-efficiency of agricultural landscapes in North Rhine-Westphalia, Germany

Stefan Seifert, Saskia Wolff, Silke Hüttel

How Can Market Structures Hinder the Effectiveness of Inclusive Bioeconomy Policies? An analysis of the Brazilian Social Fuel Stamp

Kemel Kalif, Jorge Sellare

How shared socioeconomic pathways (SSPs) may affect Brazilian and global agriculture? An exploratory analysis

Geraldo Martha, Cicero Lima

Parallel Session #2d Poster Session

Location: Gualandi Room
Session Chair: Leigh Anderson

Zoom Registration: [Click here to register and/or link to the session](#)

Trends in algae commercial and capital investment activity- a new potential bioeconomy sector

Moran Nabriski, Ruslana Rachel Palatnik, Alexander Golberg, David Zilberman

Crop Diversity, Dietary Diversity and Food Security among Youth- and Female-headed Farm Households in Uganda

Audreeauna Garrett, Marisa Thomas, Travis Reynolds, Daniel Tobin

Measuring youth participation in agricultural development: Alternative measures of youth engagement in crop production and commercialization in Uganda

Hannah Lacasse, Jennifer Beltran Gastelum, David Ader, Daniel Tobin, Travis Reynolds, Michelle Saunders

Re-useable textile substrates for sustainable soilless crop cultivation in urban agriculture

Bastian Winkler, Jędrzej Cichoński, Bilits Vanicela, Christoph Riethmueller, Michael Walz, Sanjit Debnath, Anwesha Chatterjee, Proma Ghosh, Vasu Vijayaragavan, Suhrid Chandra, Harshata Pal

Resilience and Digitalization in the

**German Farming
Sector: Lessons from
the COVID-19 Pandemic**
**Robyn Blake-Rath, Ulrike
Grote**

3:30pm
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Coffee Break

4:00pm

The Future of Food Systems Research and Policy Interfaces

Location: Prodi Room

Session Chair: **Regina Birner**

Participants: Tom Arnold, Margaret Karembu, Sara Savastano, David Zilberman

5:30pm

Zoom Registration: [Click here to register and/or link to the session](#)

5:30pm

2022 General Assembly

Location: Prodi Room

Session Chair: **Justus Wesseler**

7:00pm

Date: Thursday, 07/July/2022

9:00am - 10:30am	Parallel Session #3a Location: Prodi Room Session Chair: Stuart Smyth	Parallel Session #3b Location: Capitani Room Session Chair: Claudio Soregaroli	Parallel Session #3c Location: Fumagali Room Session Chair: Gabi Waldhof	Parallel Session #3d Poster Session Location: Gualandi Room Session Chair: Grace Oluwabukunmi Akinsola
	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session
	DSI and the Potential Impacts for Agricultural R&D <i>Chair(s):</i> Stuart Smyth	Managing Criticalities of Monitoring Bioeconomy Development: Tools, Lessons Learned, and Perspectives <i>Chair(s):</i> Claudio Soregaroli, Maria Vracholi	Competing regulation of a common pool resource: an examination of the Adriatic small pelagic fishery Fabiana Natali, Daniel Scheitrum, Giacomo Branca	Don't forget the people: Understanding differences in citizen's acceptance of technologies supporting a sustainable bioeconomy
		<i>Presentations</i>	The role of policies in strengthening the participation of primary producers in the bioeconomy through boosting their collaboration Nunzia Gabriella Fasolino, Zavalloni Matteo, Viaggi Davide	Janine Macht, Jeanette Klink-Lehmann, Monika Hartmann
		Lessons learned from using indicators for monitoring and measuring the development of the bioeconomy Maximilian Kardung	Willingness to pay for lettuce produced with unconventional fertilizers: a contingent valuation study Geir Wæhler Gustavsen, Divina Gracia Rodriguez, Yujie Qi Wenstøp	The long cycles perspective on the emerging bio age Lioudmila Chatalova
		Opportunities and challenges of tracking the impacts of the bioeconomy Nicolas Hark	Mitigating Moral Absolutist Attitudes Towards Genetically Engineered Crops Yoel Inbar, Gabi Waldhof	Circular bioeconomy opportunities for rural development: the case of appellations of origin in Mexico. America Padilla, Patricia Ocampo-Thomason
		Macro-economic approach to monitor a bio-based economy Roel DelaHaye, Vivian S.C. Tunn, Gianmaria Tassinari, Chantal Blonn		Examining typologies of consumption for hemp-based products: A case of U.S. consumers Jane Kolodinsky, Hannah Lacasse, Tyler Mark, Rebecca Hill, Will Snell
		New codes for bio-based products and industries in statistical classifications Vivian S.C. Tunn, Chantal Blom, Roel DelaHaye		Analysis Of Resource Use Efficiency Differentials In Maize Supply Chain: The Case For FADAMA III Project In Nigeria Godwin Anjeinu Abu, Sunday Ojochonu Ali, Goodness Chioma Aye
		Validating measurement issues through expert contributions Benz Xinqi Zhu		DOES PARTICIPATION IN AGRITECH STARTUPS AFFECT THE POVERTY STATUS OF ADOPTERS? EVIDENCE OF NIGERIA Grace Oluwabukunmi Akinsola, Opeyemi Eytayo

10:30am Coffee Break

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11:00am

11:00am **Jutta Roosen: Attention-driven Food Choice for Healthier Cereal Options**

Location: Prodi Room

Session Chair: **Davide Viaggi**

Zoom Registration: [Click here to register and/or link to the session](#)

12:00pm **Opportunities to Advance a Circular Bioeconomy**

Location: Prodi Room

Session Chair: **Carl Pray**

Participants: Hugo Chevarria, Maria Maxon, Jutta Roosen, Davide Viaggi.

Zoom Registration: [Click here to register and/or link to the session](#)

1:00pm
-

Lunch Break

2:00pm

1:00pm **BioMonitor Stakeholder Workshop**

Location: Capitani Room

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4:00pm

Scenarios and Model Results for the EU Bioeconomy

Chair(s): **Dusan Drabik**

Presentations

The bioeconomy in the light of future development – a policy perspective

Developing scenarios for the European bioeconomy

A prospective economy-wide sustainability analysis for EU biochemical activities

Projecting future markets of EU bio-based materials with the BioMAT model

Followed by a discussion with stakeholders.

2:00pm

Parallel Session #4a

Location: Prodi Room

Session Chair: **Carolina da Silveira Bueno**

-
3:30pm

Zoom Registration: [Click here to register and/or link to the session](#)

Exploring the impacts of shorter food supply chains on rural jobs in the EU – a model-based analysis

Beyhan de Jong, Kirsten Boysen-Urban, George Philippidis, Robert M'barek

Can Auctions Foster Renewable Energy under Institutional and Macroeconomic Instability?

Pablo Mac Clay, Jan Börner, Jorge Sellare

Bioenergy Emerging Paradigm: first stage of low carbon energy industrial transition

Parallel Session #4c

Location: Fumagali Room

Session Chair: **Frank Pijpers**

Zoom Registration: [Click here to register and/or link to the session](#)

Demand for Domestic Vegetable Protein developed by CRISPR-Cas 9

Anna Kristina Edenbrandt, Carl-Johan Lagerkvist

Robustness check of bioplastics sustainability indicators

Wiebke Jander

Sustainability Implications of the EU's Bioeconomy along Global Supply Chains

Johannes Többen, Martin Distelkamp, Britta Stöver, Saskia Reuschel, Christian Lutz

Parallel Session #4d Poster Session

Location: Gualandi Room

Session Chair: **Carlos Alberto Zuniga-Gonzalez**

Zoom Registration: [Click here to register and/or link to the session](#)

Diversification and Resilience in the Food System: Labor Shocks from COVID-19

Andrew W. Stevens, James Teal, Christa Court, Gigi Digiacomo, Michelle Miller, Hikaru Peterson

Land Tenure and Crop Diversity among Small-scale Farms in Uganda

Angus Fraser, Travis Reynolds, Daniel Tobin, Michelle Saunders

Tax Credit Accelerating Nigerian Economy through Critical Infrastructure

Adebola Adedugbe

Carolina da Silveira Bueno,
Telma Teixeira Franco, Jose
Maria Ferreira Jardim da
Silveira

**Biological carbon
sequestration: potential
opportunities, pitfalls, and
challenges**

Gal Hochman

**Evaluation of Alternative
Ways of Reducing
Consumer Food Waste in
the European Union**

Frank Pijpers, Dušan Drabik

**Implications of
Agricultural Extension and
Gender on Seed Sourcing
Among Smallholder
Farmers in Uganda**

Helaina Marie Curtin, Daniel
Tobin, Travis Reynolds

**Development and
transition of Biogas
Industry**

Carolina da Silveira Bueno,
Bruna de Souza Moraes,
Telma Teixeira Franco, Jose
Maria Ferreira Jardim da
Silveira

**Market Indicators, Crop
Diversity, and Dietary
Outcomes: Panel Data
Evidence from Agricultural
Households in Uganda**

Katherine Margaret Morrissey,
Daniel Tobin, Travis William
Reynolds, Carina Isbell

**Epistemology of
Bioeconomy**

Carlos Alberto Zuniga-
Gonzalez, Mario Ramon
Lopez, Jorge L. Icabalceta,
Elgin Antonio Vivas-Viachica,
Vicente Napoleon Blanco-
Orozco

3:30pm

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Coffee Break

4:00pm

4:00pm

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The War in the Ukraine - Implications for Agricultural and Energy Markets

Location: Prodi Room

Session Chair: **Justus Wesseler**

Participants: Alfons Balmann, Roel Jongeneel, Maximo Torero Vincent Smith.

Zoom Registration: [Click here to register and/or link to the session](#)

5:30pm

8:00pm

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Gala Dinner

Palazzo Isolani, Via Santo Stefano, 16, 40125 Bologna BO, ITALY

11:45pm

Date: Friday, 08/July/2022

<p>9:00am - 10:30am</p>	<p>Parallel Session #5a Location: Prodi Room Session Chair: Diego Maximiliano Macall</p> <p>Zoom Registration: Click here to register and/or link to the session</p>	<p>Parallel Session #5b Location: Capitani Room Session Chair: Carina Isbell</p> <p>Zoom Registration: Click here to register and/or link to the session</p>	<p>Parallel Session #5c Location: Fumagali Room Session Chair: Shuang Liu</p> <p>Zoom Registration: Click here to register and/or link to the session</p>	<p>Parallel Session #5d Location: Gualandi Room Session Chair: Travis W Reynolds</p> <p>Zoom Registration: Click here to register and/or link to the session</p>
	<p>Why Is China Leading the Gene Editing Revolution in Agriculture? Patricia Zambrano, John Komen</p>	<p>Financing climate adaptation in Africa: A view from sovereign borrowing from international financial institutions Didier Alia, Leigh Anderson, Kelsey Figone, Basil Hariri, Helen Ippolito, Federico Trinidad</p>	<p>Emerging Bio-based Alternatives: From Innovation Niches to Dominating Products? Gianmaria Tassinari, Claudio Soregaroli, Dušan Drabik</p>	<p>50x2030 Global Data Use Grantee Symposium [online event] <i>Chair(s): Michael Steiner, Travis Reynolds</i></p>
	<p>Current and future market applications of New Genomic Techniques (NGTs) Emilio Rodriguez-Cerezo, Claudia Parisi</p>	<p>Stakeholder views on effective Capacity Development for Agricultural Innovation in Africa: Why the private sector matters Philipp Aerni, Wenya Zou</p>	<p>Valorization of apple by-products to contribute to SDG 12 Isabelle Schlupe</p>	<p><i>Presenter(s): Vatana Chea, Socheat Keo, Sereyvath Yoeun, Kokeb Giorgis, Aboubacry Kane, Mouhamadou Aidara, Hellen Namawejje, Geogrey Ochieng Okoth, Anthony Egeru, Sarah Nanyiti, Patricia Ndugga, Leonard Kadege, Mayanja Katumba, Marsy Marsy, Nasser Mulumba, Enoch Kikulwe</i></p>
	<p>An Evaluation of Plant Genome Databases: Design, Usefulness, Translation into Value Peter Phillips, Diego Maximiliano Macall, Simona Lubieniechi</p>	<p>Creating opportunities through a bioeconomy approach: stakeholders' perspectives Enoch Kikulwe, Susan Ajambo, Herbert Oloka</p>	<p>Did Product Certification and E-commerce Benefit Grain and Cash Crops Producers in China? Shuang Liu, Yanhong Jin, Fengtian Zheng</p>	
	<p>Decision Factors Influencing New Variety Licensing in Western Canada Rim Lassoued, Stuart J Smyth</p>	<p>Beyond the Household: Evidence from 10 sub-Saharan African Countries on the Association between Crop Diversification and Health Outcomes for Women and Children at Village and Regional Levels Carina Isbell, Daniel Tobin, Travis Reynolds</p>		
<p>10:30am - 11:00am</p>	<p>Coffee Break</p>			
<p>11:00am - 12:00pm</p>	<p>Richard Sexton: Implications of the Increasing Importance of Credence Attributes in the Food Supply Chain Location: Prodi Room Session Chair: Justus Wesseler</p>			
<p>12:00pm</p>	<p>Zoom Registration: Click here to register and/or link to the session</p>			
<p>12:00pm - 1:00pm</p>	<p>Dynamics of Sustainable Bioeconomy Development Location: Prodi Room Session Chair: David Zilberman Participants: Tévécia Ronzon, Richard Sexton, Justus Wesseler, Tasos Xepapadeas</p>			
<p>1:00pm</p>	<p>Zoom Registration: Click here to register and/or link to the session</p>			
<p>1:00pm - 2:00pm</p>	<p>Lunch Break</p>			

2:00pm - 3:30pm	Parallel Session #6a Location: Prodi Room Session Chair: Dusan Drabik	Parallel Session #6b Location: Capitani Room Session Chair: Graham Brookes	Parallel Session #6c Location: Fumagali Room Session Chair: Kutay Cingiz	Parallel Session #6d Location: Gualandi Room Session Chair: Hugo Chavarria
	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session	Zoom Registration: Click here to register and/or link to the session
	Estimating GHGs from land use practices in the Canadian Prairies crop sector <u>Lana Awada</u> , Peter P.W. Phillips, Cecil Nagy	Perspectives of Experts on Agricultural Biotechnology: A Systematic Review <u>Yixuan Guo</u> , Marcia Dutra de Barcellos, Hans De Steur	DIFFUSION OF FERMENTATION TECHNOLOGIES IN THE BRAZILIAN SUCROENERGY INDUSTRY: AN AGENT-BASED APPROACH <u>Felipe Pinto Silva</u> , José Maria da Silveira	Bioeconomy and Impacts of the Russia-Ukraine War In Latin American Countries <i>Chair(s):</i> Hugo Chavarria <i>Presenter(s):</i> Hugo Chavarria, Eduardo Trigo, Agustín Tejada, Jorge Bedoya, Agustin Torroba, Nicolas Cock Duque, Roberto Bisang, Jose Vega-Baudrit
	Measures of the value added size of the European Bioeconomy: different monitoring perspectives <u>Tévécia Ronzon</u> , Michael Carus, Kutay Cingiz, Andrea El-Meligi, Patricia Gurria, Nicolas Hark, Susanne Iost, Natalia Kuosmanen, Robert M'barek, George Philippidis, Myrna van Leeuwen, Justus Wesseler	Results of an expert survey on operating costs, scalability and policy expectations on BECCS technology <u>Lara Wähling</u> , <u>Tobias Heimann</u> , Mathias Fridahl	Modeling smallholder rice farmers' risk and resiliency: Evidence from Nigeria Didier Alia, Leigh Anderson, Subir Bairagui, Alvaro Durand-Morat, Joshua Grandbouche, Federico Trindade, <u>Stanley Wood</u>	
	The Economics of Pre-harvest vs. Harvest and Post-harvest Food Waste in a Value Chain Harry de Gorter, <u>Dusan Drabik</u>	Economic impacts of the Biosafety Law and implementing regulations of Turkey on the sourcing and use of raw materials by the importing and user sectors <u>Graham Brookes</u>	Regulatory integration and transregional corporations' new investments Mengshuai Zhu, <u>Kutay Cingiz</u> , Jifang Liu, Justus Wesseler	
3:30pm	Coffee Break			
4:00pm				
4:00pm	The Bioeconomy and the Construction of a "One Health" System			
5:30pm	Location: Prodi Room Session Chair: Pasquale Lucio Scandizzo Participants: Vincenzo Atella, Giuseppe Novelli, Federico Perali, Ernesto Sanchez Triana, Giovanni Tria, Felicia Wu			
	Zoom Registration: Click here to register and/or link to the session			
5:30pm	ICABR 2022 Conference Closing			
6:00pm	Location: Prodi Room Session Chair: Justus Wesseler Zoom Registration: Click here to register and/or link to the session			