

# Conference Agenda

## Session Overview

**Date: Tuesday, 08/July/2025**

11:00am - 1:00pm	<b>Registration</b> Location: <b>Battleford Foyer</b>
1:00pm - 1:30pm	<b>Opening of the 29th ICABR Conference</b> Location: <b>Battlefords</b> Session Chair: <b>Justus Wesseler</b> Welcome to ICABR 2025
1:30pm - 2:30pm	<b>Keynote: Kathleen Hefferon</b> Location: <b>Battlefords</b> Session Chair: <b>Stuart Smyth</b> Title: Plant Molecular Farming; A Revolutionary Model for Agriculture
2:30pm - 3:00pm	<b>Coffee Break</b>
3:00pm - 4:30pm	<b>Plenary Session: Innovations in Climate Smart Agriculture: Adoption, Acceptance, and Impacts</b> Location: <b>Battlefords</b> Session Chair: <b>Jill Elizabeth Hobbs</b>  <b>Innovations in Climate Smart Agriculture: Adoption, Acceptance, and Impacts</b> <i>Chair(s):</i> <b>Jill Hobbs, Nik Tyack</b> <i>Discussant(s):</i> <b>Jill Hobbs, Cole Vanthuyne, Nik Tyack, Huan Chen, Xiaoli Fan, Brent Swallow, Derek Brewin, Kaylee Dodds</b>  <i>Presentations</i>  <b>Risk preferences and producer adoption of climate-resilient pea varieties</b> <b>Cole Vanthuyne, Nik Tyack, Jill Hobbs</b>  <b>Barriers to Canadian Producer Adoption of Climate-Smart Grazing Practices</b> <b>Huan Chen, Xiaoli Fan, Brent Swallow</b>  <b>Nutrient use efficiency and crop resiliency in Canadian agriculture through new bioinoculants – Assessing farm-level impacts”</b> <b>Derek Brewin</b>  <b>Consumer responses to climate-smart certification: Information framing effects</b> <b>Kaylee Dodds, Jill Hobbs, Nik Tyack</b>
4:30pm - 6:30pm	<b>Welcome Reception</b> Location: <b>William Pascoe</b>

**Date: Wednesday, 09/July/2025**

8:00am - 9:00am	<b>Keynote: Alison Van Eenennaam</b> Location: <b>Battlefords</b> Session Chair: <b>David Zilberman</b> Title: Global Regulatory Landscape for Animal Biotechnologies	
8:00am - 5:00pm	<b>Registration2</b> Location: <b>Battleford Foyer</b>	
9:00am - 10:30am	<b>Plenary Session: Analyzing the impacts economic nationalism and other policy changes on seed industry innovation for sustainable agriculture and a circular bioeconomy</b> Location: <b>Battlefords</b> Session Chair: <b>Anwar Naseem</b>  <b>Analyzing the impacts economic nationalism and other policy changes on seed industry innovation for sustainable agriculture and a circular bioeconomy</b> <i>Chair(s):</i> <b>Carl Pray, Stuart Smyth</b> <i>Discussant(s):</i> <b>Jose Maria da Silveira, Richard Gray, Regina Birner, Michelle Ross, Derek Brewin, Anwar Naseem</b>  <i>Presentations</i>  <b>The evolution of seed industry in South America and its vital importance in the success of Brazilian and Argentinian grain production</b> <b>Jose Maria da Silveira</b>  <b>Evolution of seed industry in Germany</b> <b>Regina Birner</b>  <b>Evolution wheat seed industry in Australia and Canada</b> <b>Richard Gray</b>  <b>Evolution of the wheat seed industry in the UK</b> <b>Michell Ross</b>  <b>Evolution of the Canola Seed industry in Canada</b> <b>Derek Brewin</b>  <b>Indian &amp; China's seed industry</b> <b>Anwar Naseem</b>	
10:30am - 11:00am	<b>Coffee Break</b>	
11:00am - 12:30pm	<b>Bioeconomy Networks</b> Location: <b>Battlefords</b> Session Chair: <b>José Maria Ferreira Jardim Silveira</b>  <b>Drivers of global collaboration networks and technology transfer in the bioeconomy</b> <b><u>Sascha R. Stark</u>, Natalie Laibach, Stefanie Bröring, Sandra Venghaus, Jan Börner</b>  <b>Knowledge Network and Biogas Upgrading to Biomethane development Industry in Brazil</b> <b><u>Carolina da Silveira Bueno</u>, Jose Maria Ferreira Jardim da Silveira, Bruna de Souza Moraes, Telma Teixeira Franco</b>  <b>Innovative Co-Creation of Soil Health Living Labs</b> <b><u>Richard José Orozco</u></b>  <b>Innovation in sustainable protein sources: a pathway to the circular bioeconomy in the agrifood value chain.</b> <b>America Padilla-Viveros, <u>Amalia Irais Cuno-Jaimes</u></b>	<b>African Small Holder Agriculture</b> Location: <b>Salon Batoche</b> Session Chair: <b>Naphtal Habiyaemye</b>  <b>Production and Consumption Performance of New Maize and Cowpea Varieties: Cluster-Randomized Controlled Trial and Survey Evidence in Northern Nigeria</b> <b>Catherine Ragasa, Oyinbo Oyakhilomen, <u>Ning Ma</u></b>  <b>Farmer's Acceptance and Willingness to pay for Agricultural Insurance in Northern Ghana</b> <b><u>Monica Addison</u>, Deborah Mensah Bennor, Camillus Abawiera Wongnaa, Patricia Pinamang Acheampong, Celestina Adu</b>  <b>Farmer groups as ICT hubs: Findings from a cluster-randomized controlled trial in Malawi</b> <b>Catherine Ragasa, <u>Ning Ma</u>, Emmanuel Hami</b>
12:30pm - 1:30pm	<b>Lunch</b> Location: <b>Battlefords</b>	
1:30pm - 3:00pm	<b>New Genomic Techniques in the EU: Social Acceptance, Economic Impacts, and Decision-Making Processes.</b> Location: <b>Battlefords</b> Session Chair: <b>Maximilian Kardung</b>	<b>Innovation &amp; Climate</b> Location: <b>Salon Batoche</b> Session Chair: <b>Kaitlyn Paige Sauser</b>

	<p>Chairs: Justus Wesseler, Max Kardung</p> <p>PAPER: Impact of Alternative Regulatory Labelling Requirements on Consumer Purchase Intentions for Processed Foods Derived from New Genomic Techniques -Mirta Casati, Alessandro Varacca, Claudio Soregaroli, Stefanelia Stranieri</p> <p>PAPER: Comparing the Effects of Regulating New Genomic Techniques on Investment Decisions in the European Union and Repercussions associated with traceability, labeling, and coexistence requirements Maximilian Kardung, Yasmine Ambrogio, Kutay Cingiz, Nicola Cons Müller, Katharina Unkel, Kai Purnhagen, Justus Wesseler</p> <p>Panel Discussion (Moderation: Justus Wesseler) Maximilian Kardung, Agricultural Economics and Rural Policy Group, Wageningen University, The Netherlands Stuart Smyth, Professor at University of Saskatchewan, Canada Kai Purnhagen, Professor and Director, Research Centre for German and European Food Law, University of Bayreuth, Germany Katie Davis, Senior Director, Regulatory Affairs, CIBUS, US</p>	<p><b>Zero-Till Equipment's Impact on CO2 Emissions in Saskatchewan Agriculture</b> <u>Kaitlyn P Sauser</u>, Stuart J Smyth</p> <hr/> <p><b>Opportunistic Behavior in Biomass Supply for Bioenergy and Advanced Biofuel Production: Agent-Based Market Dynamics</b> Stéphani Cetimia Mariotti Ruiz, Marcelo Marques de Magalhães, <u>José Maria Ferreira Jardim da Silveira</u></p> <hr/> <p><b>Integrating Biodiversity Protection and Economic Development through the Health Economic-Industrial Complex</b> <u>Carolina da Silveira Bueno</u></p> <hr/> <p><b>Driving Innovation in Agriculture: The Confluence of Innovations and Supply Chain Evolution in the Bioeconomy</b> Jonathan Andrew Tillinghast, <u>David Zilberman</u>, James Mjelde <i>Discussant:</i> David Zilberman</p>
3:00pm - 3:45pm	<p><b>Annual General Meeting (AGM)</b> Location: <b>Battlefords</b> Session Chair: <b>Justus Wesseler</b> Annual assembly: announcement of the new board.</p>	
3:45pm - 4:00pm	<b>Coffee Break</b>	
4:00pm - 5:30pm	<p><b>Plenary Session: The Saskatoon Bioscience Cluster</b> Location: <b>Battlefords</b> Session Chair: <b>Peter WB Phillips</b></p> <p><b>The Saskatoon Bioscience Cluster</b> <i>Chair(s):</i> <b>Peter WB Phillips</b> <i>Discussant(s):</i> <b>Peter Phillips, Karen Churchill, Baljit Singh, Steve Webb, Austin Beggs</b></p> <p><i>Presentations</i></p> <p><b>The role of prices, place, processes and people in moving Saskatoon from small town to global hub</b> <b>Peter Phillips</b></p> <p><b>AWB: Private leadership of public capital</b> <b>Karen Churchill</b></p> <p><b>GIFS as a conduit between global pipelines and local buzz</b> <b>Steve Webb</b></p> <p><b>Innovation Place: where global pipelines meet local buzz</b> <b>Austin Beggs</b></p> <p><b>Moderation and discussion</b> <b>Peter Phillips</b></p>	

**Date: Thursday, 10/July/2025**

8:00am - 8:30am	<b>Registration 3</b> Location: <b>Battleford Foyer</b>	
8:30am - 10:00am	<b>Plenary Session: The Bioeconomy and the Trump Revolution</b> Location: <b>Battlefords</b> Session Chair: <b>David Zilberman</b>  <b>The Bioeconomy and the Trump Revolution</b> <i>Chair(s):</i> <b>David Zilberman</b> <i>Discussant(s):</i> <b>Justus Wesseler, Madhu Khanna, Peter Philips, William Foster, José Maria F.J. da Silveira, Jose Falck, Stuart Smyth</b>	
10:00am - 10:30am	<b>Coffee Break</b>	
10:30am - 12:00pm	<b>Climate &amp; Policy</b> Location: <b>Battlefords</b> Session Chair: <b>Lorenza Alexandra Lorenzetti</b>  <b>Circular and sustainable agri-food systems? A time series input-output perspective</b> <u>Federico Parmiggiani</u> , Ema Lazorcakova, Claudio Soregaroli  <b>Under (climate) Pressure: Wheather Extremes and Adaptation Decision-Making in Italy's Agriculture</b> Cerroni Simone, Michela Faccioli, <u>Lorenza Lorenzetti</u> , Giacomo Pallante, Roberta Raffaelli  <b>INTEGRATING ORGANIC PHOTOVOLTAICS IN EUROPEAN GREENHOUSES: A PATHWAY TO SUSTAINABLE ENERGY SELF-SUFFICIENCY IN AGRICULTURE</b> Chantal Kierdorf, Sebastian Lubjuhn, Matthias Meier-Grüll, Sandra Venghaus  <b>Costs and Benefits of Irrigation Investments for Climate Change Adaptation in the Okanagan: A Participatory Approach</b> <u>Alberto Ceccacci</u> , John Janmaat	<b>Financing Future Markets</b> Location: <b>Salon Batoche</b> Session Chair: <b>Richard S Gray</b>  <b>Climate Accounting and Domestic Incentives for Agricultural GHG Mitigation</b> <u>Richard S Gray</u> , Shon Ferguson  <b>SUSTAINABLE AGRIBUSINESS: THE BRAZILIAN EXPERIENCE IN RURAL CREDIT</b> Arone de Paula Lira Alves, Manuel Emílio Castelo Branco, <u>José Eustáquio Vieira Filho</u>  <b>Embedded Emissions Accounting frameworks for Agricultural Products</b> <u>Saule Burkitbayeva</u> , Emma Aisbett, Justin Borevitz  <b>Economic and social benefits of wetland ecosystems services as nature-based solutions for climate justice</b> <u>Carolina Bueno</u> , Galina Hale, Barbara Haya, Adina Paytan
12:00pm - 1:00pm	<b>Lunch</b> Location: <b>Battlefords</b>	
1:00pm - 2:30pm	<b>Canadian Crop Innovations</b> Location: <b>Battlefords</b> Session Chair: <b>Peter WB Phillips</b>  <b>Wheat Variety R&amp;D Investment and Adoption in Western Canada</b> Rim Lassoued, <u>Chelsea Sutherland</u> , Stuart J. Smyth  <b>The Economics of Plant Variety Registration: Non-Tariff Trade Barriers in Canada</b> <u>Devin Allen Serfas</u> , Madeline Geisler Turland  <b>Lentils in Focus: Exploring Trends, Challenges, and Opportunities in the Canadian and Global Markets</b> Simona Lubieniechi, <u>Peter WB Phillips</u>	<b>EU Policy</b> Location: <b>Salon Batoche</b> Session Chair: <b>Maximilian Kardung</b>  <b>Regional Policies and Employment Growth in European Bioeconomies: A New Engine for Job Creation?</b> <u>Maximilian Kardung</u>  <b>Communication of benefits of new technologies through regulatory tools in the EU</b> Alexandra Molitorisova, <u>Kai Purnhagen</u>  <b>COMMON AGRICULTURE POLICY AND SOME ASPECTS OF EMPLOYMENT IN AGRICULTURE OF SELECTED CENTRAL EUROPEAN COUNTRIES</b> <u>Artan Qineti</u> , Luboš Smutka, Kushtrim Braha, Dimuth Nambuge
2:30pm - 2:45pm	<b>Coffee Break</b>	
2:45pm - 4:15pm	<b>Supply Chains &amp; Food</b> Location: <b>Battlefords</b> Session Chair: <b>William Alexander Kerr</b>	<b>IP &amp; Sustainable Tech.</b> Location: <b>Salon Batoche</b> Session Chair: <b>Gregory D. Graff</b>

	<p><b>The Economics of Circular Bioeconomy Supply Chains: Theory and Case Studies on Biochar and Black Soldier Fly</b>  <b>Meilin Ma, Shira Bukchin-Peles, Jeffery Tomberlin, <u>David Zilberman</u></b></p> <hr/> <p><b>Policy and governance for smart agricultural and food bioeconomies</b>  <b><u>William E. Foster</u>, Gordon Rausser</b></p> <hr/> <p><b>Leveraging NTFPs to Address Food Production Challenges within the Bioeconomy Framework</b>  <b>Brian Amaya, Manuela Montoya, <u>Nathalia Flórez-Zapata</u>, Marcela Arango, Maria Claudia Torres, Felipe Garcia</b></p>	<p><b>Finding Technological Arrangements in Biogas complexes using patent data bank</b>  <b><u>José Maria Silveira</u>, André Leguisamo, Luiz Gustavo Souza</b></p> <hr/> <p><b>The contribution of startups, venture finance, and patenting to innovation in U.S. agriculture</b>  <b><u>Gregory D. Graff</u>, Nicholas Rada, Charles deGrazia</b></p> <hr/> <p><b>Breeding and sustainable transitions in livestock: old wine in new wineskin?</b>  <b><u>Albert Boaitey</u>, Ellen Goddard, Getu Hailu</b></p> <hr/> <p><b>Agricultural Mechanization Around the World</b>  <b><u>Shahrear Roman</u>, Hadi Hadi, David Wuepper</b></p>
<p><b>5:00pm</b> - <b>6:30pm</b></p>	<p><b>Gala Cocktails &amp; Canapes</b>  Location: <b>Hearth</b>  Location: <a href="https://maps.app.goo.gl/s3JSiWEtJQbuFG2fA">https://maps.app.goo.gl/s3JSiWEtJQbuFG2fA</a></p>	
<p><b>6:30pm</b> - <b>10:00pm</b></p>	<p><b>Gala Dinner</b>  Location: <b>Hearth</b>  Location: <a href="https://maps.app.goo.gl/s3JSiWEtJQbuFG2fA">https://maps.app.goo.gl/s3JSiWEtJQbuFG2fA</a></p>	

**Date: Friday, 11/July/2025**

8:00am - 8:30am	<b>Registration4</b> Location: <b>Battleford Foyer</b>	
8:30am - 9:30am	<b>Keynote: Kai Purnhagen</b> Location: <b>Battlefords</b> Session Chair: <b>Justus Wesseler</b> Title: Contractual Chain Regulation: Sustainable and Competitive	
9:30am - 9:45am	<b>Coffee Break</b>	
9:45am - 11:15am	<b>Plenary Session: The Importance of Innovation for Agricultural Resilience in the Face of Changing Climates</b> Location: <b>Battlefords</b> Session Chair: <b>Camille Dawn Ryan</b>  <b>The Importance of Innovation for Agricultural Resilience in the Face of Changing Climates'</b> <i>Chair(s): Cami Ryan</i> <i>Discussant(s): Rob Black, Paul Thiel, Rob Stone, Tracy Broughton, Shawna Mathieson, Jill McDonald</i>	
11:15am - 12:45pm	<b>Transitioning to a Circular Bioeconomy in Agriculture: Policy Challenges and Opportunities</b> Location: <b>Battlefords</b> Session Chair: <b>Madhu Khanna</b>  <b>Transitioning to a Circular Bioeconomy in Agriculture: Policy Challenges and Opportunities</b> <i>Chair(s): Madhu Khanna</i> <i>Discussant(s): Madhu Khanna, Justus Wesseler, David Zilberman, Puneet Dwivedi</i>  <i>Presentations</i>  <b>Multiple Perspectives of A Circular Bioeconomy</b> <b>David Zilberman</b>  <b>Forest-based feedstocks for the bioeconomy</b> <b>Puneet Deivedi</b>  <b>Multi-dimensional environmental impacts of a Circular Bioeconomy and Policy Implications</b> <b>Madhu Khanna</b>  <b>Transitioning to a Multi-Product Bioeconomy: Economic and Policy Considerations</b> <b>Justus Wesseler</b>	<b>GM Crops</b> Location: <b>Salon Batoche</b> Session Chair: <b>Claire Elizabeth Williams</b>  <b>Agricultural and Economic Impacts from Genetically Modified Crop Adoption: A Meta-Analysis</b> <b>Claire Williams, Savannah Gleim, Stuart Smyth</b>  <b>United States Citrus Greening and GMO Oranges</b> <b>Andrew Schmitz</b>  <b>Unlocking the Economic Potential of Genetically Engineering: Rice Production Under Climate Change</b> <b>Qiqi Chen, Yu Yvette Zhang, David Zilberman</b>
12:45pm - 1:45pm	<b>Lunch</b> Location: <b>Battlefords</b>	
1:45pm - 3:15pm	<b>The Multiple Dimensions of the Bioeconomy</b> Location: <b>Battlefords</b> Session Chair: <b>David Zilberman</b>  <b>The Multiple Dimensions of the Bioeconomy</b> <i>Chair(s): David Zilberman</i> <i>Discussant(s): Justus Wesseler, Madhu Khanna, Stuart Smyth</i>	<b>Food System Resiliency</b> Location: <b>Salon Batoche</b> Session Chair: <b>Nicholas Tyack</b>  <b>Risk preferences, gender, and farmer demand for climate-resilient rice seed</b> <b>Nicholas Tyack, Aminou Arouna, Rachidi Aboudou</b>  <b>Consumer acceptance of traditional and novel fermented foods</b> <b>Rieke Sproten, Jutta Roosen</b>  <b>Dynamic supply chain - a case study of bioeconomy</b> <b>Dor Hertenstein, Ruslana Rachel Palatnik, Todd kaplan</b>
4:00pm - 4:30pm	<b>Closing of the 29th ICABR Conference</b> Location: <b>Battlefords</b> Session Chair: <b>Stuart Smyth</b>	