

Panel: Trends in AI & Robotics in Agri-food

November 6, 9:30am - 10:30am



Esau Odie, Director of AI and Analytics, Provision Analytics Inc.

Esau Odie is the VP of Analytics at Provision Analytics, where he oversees the direction of its strategic AI/ML and Data Analytics roadmap. Previously, as Lead Architect for TELUS Advances Communications, he designed and supervised the development of one of the world's largest purpose-built Business Intelligence platforms.

Value Chain from Field Production through the Food Product

Provision Analytics panel discussion on Trends in AI and Robotics in Agrifood will focus on using AI to bring Agrifood specific information to the end user. With the upcoming 5G rollout and phones and tablets with AI enable chipsets, the stage is set to use AI to give the customer a holistic view of the food they consume. Utilizing Artificial Neural Networks for video and image recognition, NPL deep learning and probability determination, we will give the consumers real insight into such items as food traceability, product information and Health and Safety recall information - all in near realtime and on their handheld device.



Joanne Kennelly, Vice President of Strategy, Sightline Innovation

Dr. Jo Kennelly, a dual Canadian-New Zealand citizen, is Vice President, Strategy, with Sightline Innovation - Canada's first and wholly Canadian owned artificial intelligence company. She is one of the founders of Manitoba-based EMILI (Enterprise Machine Intelligence and Learning Initiative), and serves as EMILI's Executive Director (acting) in an in kind capacity. EMILI joined forces in 2017 with the Protein Industries Canada in support of their winning supercluster bid for the Prairie region. Jo helps to lead PIC's \$150m venture fund formation.



James Benkie, Dean, Program Development, Agriculture Technology, Olds College

Before joining the Olds College Team in 2018, James spent 3 years in the technology sector with global tech company Fujitsu as well as 8 years with Agriculture Financial Services Corporation where he led, developed, and supported several different business areas.

Olds College Smart Farm – Transformer... not Soup

Olds College began its Smart Farm journey in 2018. Owning 2,300 acres of agricultural land and having the guiding principles of being agnostic to source technologies, the Olds College Smart Farm can generate all necessary data, use expertise of qualified personnel and partners, and disseminate results through academic processes and demonstration capabilities. Olds College

will also leverage digital agriculture technologies to connect Smart Farm Operations, Applied Research, and current and future Academic programs. Next generation digital farming technologies based on machine learning (ML) and artificial intelligence (AI) will also be a priority, however the Olds College team needs to identify current and future obstacles in on-farm data collection to ensure we transition our current practices from fragmented datasets to comprehensive training datasets for future ML and AI integration.