



French American Innovation Day

Webinar

Digital Ag & AI

February 6, 2024

Program




**AMBASSADE
DE FRANCE
AUX ÉTATS-UNIS**
*Liberté
Égalité
Fraternité*

Service pour la Science
et la Technologie
Office for Science and
Technology


**CONSULAT
GÉNÉRAL
DE FRANCE
À CHICAGO**
*Liberté
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**france
science**

INRAE



**FRENCH-AMERICAN
CHAMBER OF COMMERCE**
Chicago

**FRENCH
AMERICAN
INNOVATION
DAY**

Mr. Yannick Tagand, Consul General of France - French Consulate in Chicago

Dr. Mireille Guyader, S&T Counselor - The Office of Science & Technology of the French Embassy, Washington D.C.

General Introduction

08:20

Digital & AI : Grand challenges for the agriculture of tomorrow

Mr. Christian Ligeard, Counselor for Agriculture - French Embassy, Washington D.C.

Comparative situations of digital Ag deployment and impact on economy in France and the EU vs the US

Format: short presentations

Dr Corentin Leroux - Aspexit

Prof. Terry Griffin - USDA, Kansas State University

Moderator : *Mr. Christian Ligeard, Councillor for Agriculture - French Embassy, D.C.*

Session 1: The Power of Data: From Production Improvement to Data Economy

09:00

Better Management of Crops and Farms

09:00 – 09:30

Format : Roundtable

Dr. James Taylor - INRAE

Prof. Arti Singh - Iowa State University

Dr. Michael Bruniaux - Sencrop

Moderator : *Prof. Bruno Basso - Michigan State University*

On-farm experimentation and Plant phenotyping

09:30 – 10:00

Format : short presentations

·New Way to View On-Farm Research Data: *Dr. Anabelle Laurent - Corteva*

·Plant phenotyping: *Prof. Edgar Spalding - University of Wisconsin-Madison*

·An example of plant phenotyping: *Mr. Alexis Comar - Hiphen*

Moderator : *Mr. Dennis Bowman - University of Illinois at Urbana-Champaign*





Getting Value from Data through Environmental Accounting 10:00 – 10:30

Format : Round Table

Dr. Véronique Bellon-Maurel - INRAE

Prof. Bruno Basso - Michigan State University

Dr. Pierre Arbelet & Ms Domitille Guilloton - Genesis

Dr. Ashok J. Kumar - Indigo Ag

Moderator : *Prof. John Reid, University of Illinois at Urbana-Champaign*

Coffee break 10:30 – 10:45

*Session 2 : Emerging Digital Ag and
Artificial Intelligence* 10:45

Artificial Intelligence in Agriculture 10:45 – 11:05

Format : Fireside chat

Prof. Christine Largouet - Institut Agro-IRISA

Moderator : *Ms. Marie Poirot, Deputy Attachée - French Consulate in Chicago*

Robotics 11:05 – 11:15

Format : Pitch

Mr. Ravi Yenduri - Sabanto

Moderator : *Dr. James Taylor - INRAE*

Satellite imagery and sustainable agriculture 11:15 – 11:45

Format : Short presentations

Mr. Thierry Chapuis - CNES

Mr. Antoine Rostand - Kayrros

Dr. Nick Reinke - Habiterre

Moderator : *Prof. Carolyn Lawrence-Dill - Iowa State University*

Session 3 : Paving the Way for a Safe and Inclusive Digital Agriculture

11:45

Data Management and Exchange

11:45 – 12:10

Format : Round Table

Prof. Christine Largouet - Institut Agro-IRISA
Prof. Carolyn Lawrence-Dill - Iowa State University
Mr. Sébastien Picardat - AgDataHub
Sentera (speaker TBC)
Moderator : *Dr. Anabelle Laurent - Corteva*

Cybersecurity for Advanced Machinery Systems

12:10 – 12:30

Format : Fireside Chat

Prof. George Grispos - University of Nebraska
Moderator : *Prof. Christine Largouet - Institut Agro-IRISA*

Digital Ag & AI : Acceptability and Adoption

12:30 – 12:55

Format : Round Table

Dr. Isabelle Piot-Lepetit - INRAE
Prof. Madhu Khanna - University of Illinois at Urbana-Champaign
La Ferme Digitale (speaker TBC)
Moderator : *Prof. Dennis Buckmaster - Purdue University*

Concluding remarks

12:55

Dr. Jean-Paul Lallès, Scientific Attaché, French Consulate in Chicago

