OATSCON21 - Live and In Color!

March 24-26, 10am-2pm EDT each day
Zoom link coming to all who register

Wednesday - March 24, 2021: 10-2 EDT "The Point"

10:00 am   Welcome & Overview of the OATS Center

10:20 am   Keynote: Teddy Bekele: Shaping the Future of Ag Today
                      Chief Technology Officer, Land O'Lakes
                      Q&A with Prof. Jim Krogmeier

10:55 am   Break

11:05 am   The Great 2021 Pork Hackathon Kickoff
                      Aaron Ault - Intro
                      Rob Trice - IDEA
                              Partner, The Mixing Bowl & Better Food Ventures
                      Lukas Fricke - Shipping pigs: farmer perspective
                              Nebraska pig farmer
                      Jesse Dohlman - Shipping pigs: processor perspective
                              Senior Director Corporate Hog Procurement, Smithfield

11:35 am   Lakisha Odom: Role of Open Source Technology in Public/Private Partnership
                      Scientific Program Director, Foundation for Food and Ag Research (FFAR)

11:55 am   30-min Lunch break
12:25 pm   Welcome Back

12:30 pm   IoT and Telematics Session
                      Prof. James Krogmeier and Andrew Balmos: IoT and Telematics in Ag
                              Prof. of Electrical and Computer Engineering, Purdue

                      Prof. John Evans: Ag Logistics and Autonomy
                              Assistant Professor, Ag and Biological Engineering, Purdue

                      Prof. Santosh Pitla: Robotics in Broadacre Row-Crops
                              Associate Professor, Dept. Bio Systems Eng., Nebraska-Lincoln

1:25 pm	Larkin Martin: Interoperability in Agriculture
	Owner at Martin Farm

1:50 pm	Wrap-up Day 1 and Hackathon Update
2:00 pm	End of Day 1

Thursday - March 25, 2021: 10-2 EDT "The Present"

10:00 am	Welcome, Hackathon Update

10:10 am	OATS Center Demos and Projects: moderated by Prof. Ankita Raturi
	ISOBlue team: ISOBlue Avena: CAN to Alerts and Graphs
	Yaguang Zhang: Automatic field records
	Andrew Balmos, Gaganpreet Hundal: GROW App and ACRE testbed (powered by Wabash Heartland Innovation Network)
	Cyrus Bowman: FieldWork and FieldPlan
	OATS Alumn and CEO, The Qlever Company, LLC

11:10 am	OATS Faculty presentations: moderated by Prof. Dennis Buckmaster
	Prof. Ankita Raturi: Agricultural Informatics
	Assistant Professor, Purdue University
	Prof. Dharmendra Saraswat: New Initiatives for Training NextGen Engineers and Scientists Through Academia-Industry Collaboration
	Associate Professor, Agricultural and Biological Engineering
	Prof. Amy Reibman: Applications of Video Analytics in Agriculture
	Professor, School of ECE, Purdue University
11:40 am	Dorn Cox: OpenTEAM moving interoperability from theory to practice - from API Switchboards to Ag Data Wallets
	Research Director - Wolfe's Neck Center for Agriculture and the Environment and OpenTEAM

12:00 noon	Lunch Break

12:30 pm   Privacy Enabled by Trellis (https://www.trellis.one)
                        Aaron Ault: Trellis w/ Mask & Link

                        Servio Palacios: AGAPECert (private automated certifications)
                                Fulbright Scholar and OATS Alumn

12:50 pm   Break

1:00 pm   Enabling Industry: moderated by Dennis Buckmaster
                        Piyush Swain, Head of Agri and Chemical Business - Americas, Infosys
                        Mike Gaspers, Senior Director, QA & Technical Services, Smithfield
                        Drew Zabrocki, CEO, Centricity

1:40 pm   OATS Membership Update - Prof. Buckmaster

1:55 pm   Wrap-Up, Hackathon Update

2:00 pm   End of Day 2

Friday - March 26, 2021: 10-2 EDT "The Future"

10:00 am   Welcome, hackathon updates

10:05 am   Jo Anna Stewart: NOW and FUTURE: Bridging Physical to Digital with GS1
                Digital Link
                        Sr. Director Business Analysis & Program Management, GS1 US

10:30 am   Dr. Elizabeth Hawkins: eFields On-Farm Research: Successes and Challenges of
                Sharing Data
                        OATS Alum & Assistant Professor and Extension Field Specialist, Ohio
                        State University
10:55 am   Break

11:05 am   Dr. Ranveer Chandra: Microsoft Azure FarmBeats
                        Chief Scientist, Azure Global at Microsoft

11:30 am   Lunch

12:00 noon   Hackathon results!

1:00 pm   Break

1:10 pm   Open Source Interoperability - What's Next: Panel moderated by Aaron Ault
              Lakisha Odom: FFAR
              Rob Trice: IDEA
              Andy Brudtkhul: Director of Emerging Technology, National Pork Board
              Drew Zabrocki: CEO, Centricity
              James Krogmeier: OATS

1:50 pm   Conference Wrap Up!