



FUTURE OF FOOD FORUM

TRANSFORMING FOOD SYSTEMS WITH ARTIFICIAL INTELLIGENCE

March 20, 2023
University of Florida
Gainesville, FL

AGENDA

Time	March 20, 2023
8:30am-9:00am	<p>REGISTRATION AND MINGLING</p> <p>Enjoy coffee or tea, mingle with other participants, or explore student posters.</p>
	<p>MORNING SESSION FACILITATOR Dr. Rafael Muñoz-Carpena Professor Department of Agricultural and Biological Engineering, University of Florida</p>
9:00 am-9:20 am	<p>WELCOME AND OPENING REMARKS</p> <ul style="list-style-type: none"> • Dr. Gbola Adesogan, Associate Vice President and Director, Global Food Systems Institute, UF/IFAS • Dr. Scott Angle, Senior Vice President, University of Florida (UF)/Institute of Food and Agricultural Sciences (IFAS)
9:20 am-9:30 am	<p>AI OVERVIEW</p> <ul style="list-style-type: none"> • Dr. Charlie Li, Professor, Agricultural AI and Automation, Department of Agricultural and Biological Engineering, University of Florida
9:30 am-10:15 am	<p>KEYNOTE</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Matthew Johnston, Global Head of Vegetables, Syngenta <p>Keynote Speaker:</p> <ul style="list-style-type: none"> • Stewart Collis, Senior Program Leader, Digital Solutions Bill and Melinda Gates Foundation

10:15am-10:30am	BREAK (Coffee, tea and light refreshments, including vegetarian and vegan options, will be provided)
10:30am-11:30am	<p>HOW CAN AI ASSIST US IN CREATING CRISIS-PROOF, CLIMATE-FRIENDLY FOOD SYSTEMS?</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Dr. Kati Migliaccio, Chair and Professor, Department of Agricultural and Biological Engineering, University of Florida <p>Panelists:</p> <ul style="list-style-type: none"> • Dr. Michael Selvaraj, Crop Physiologist and Leader of Phenomics Platform, International Center for Tropical Agriculture (CIAT) • Dr. Charlie Messina, Professor, Horticultural Sciences Department, University of Florida • Dr. Karen Garrett, Professor, Plant Pathology Department, University of Florida
11:30am-12:30pm	<p>FROM “CLOUD” TO EARTH: HOW AI WILL REVOLUTIONIZE THE FUTURE OF AGRICULTURE</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Dr. Damian Adams, Associate Dean for Research, UF IFAS <p>Panelists:</p> <ul style="list-style-type: none"> • Dr. Kommy Weldemariam, Distinguished Engineer and Chief Architect, Discovery Science & Applications, IBM Research • Dr. Jawoo Koo, Senior Research Fellow, International Food Policy Research Institute (IFPRI) • Dr. Raquel Dias, Assistant Professor, Microbiology & Cell Science Department, University of Florida
12:30pm-1:30pm	<p>LUNCH</p> <p>(Boxed lunches, including vegetarian and vegan options, will be provided)</p>
	<p align="center">AFTERNOON SESSION FACILITATOR Dr. Dina Liebowitz Program Director Plant Science, University of Florida</p>

<p>1:30pm- 2:30pm</p>	<p>HOW CAN AI ASSIST WITH ENHANCING PRODUCTIVITY AND SUSTAINABILITY OF FOOD SYSTEMS</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Dr. Felicia Wu, John A. Hannah Distinguished Professor, Department of Food Science and Human Nutrition and the Department of Agricultural, Food and Resource Economics, Michigan State University <p>Panelists:</p> <ul style="list-style-type: none"> • Van Whitehurst, Whitehurst, Cattle Company • Dr. Michael Ferrari, Chief Scientific & Commercial Officer, Climate Alpha • Dr. Rob Guralnick, Curator of Biodiversity Informatics, Florida Museum of Natural History, University of Florida
<p>2:30pm- 3:30pm</p>	<p>HOW CAN AI IMPROVE COLLABORATION FOR GLOBAL FOOD SYSTEMS?</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Dr. Norma Samuel, Associate District Extension Director, Central District, UF-IFAS Extension <p>Presenters:</p> <ul style="list-style-type: none"> • Dr. Max Teplitski, Chief Science Officer, International Fresh Produce Association • Dr. Ziwen Yu, Assistant Professor, Big Data Analytics, Department of Agricultural and Biological Engineering, University of Florida • Winnie Onyango and Edward Amoah, PlantVillage
<p>3:30pm- 4:00pm</p>	<p>NETWORKING/AFTERNOON BREAK: POSTER SESSION</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Dr. Kay Kelsey, Director of Academic Programs, Global Food Systems Institute

<p>4:00pm- 4:15pm</p>	<p>“SILICON VALLEY OF AGRICULTURE” (APPLIED AI CENTER)</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Dr. Andy Ogram, Associate Director, Global Food Systems Institute <p>Presenter:</p> <ul style="list-style-type: none"> • Dr. Jack Rechigl, Center Director and Professor of Soil and Water Science, University of Florida/IFAS Gulf Coast Research and Education Center in Balm and Plant City, Center Director for Fort Lauderdale Research and Education Center
<p>4:15pm- 4:45pm</p>	<p>CLOSING: IFAS INTERNATIONAL AWARDS CEREMONY</p> <p>Master of Ceremonies:</p> <ul style="list-style-type: none"> • Dr. Greg MacDonald, Professor and Undergraduate Coordinator, Weed Science and International Agronomy, University of Florida <p>Awards Presenters:</p> <ul style="list-style-type: none"> • Dr. Robert Gilbert, UF/IFAS Dean for Research and Director of the Florida Agricultural Experiment Station • Dr. Norma Samuel, Associate District Extension Director, Central District, UF-IFAS Extension • Dr. Elaine Turner, Dean for the UF/IFAS College of Agricultural and Life Sciences <p>Closing Remarks:</p> <ul style="list-style-type: none"> • Dr. Gbola Adesogan, Associate Vice President and Director, Global Food Systems Institute, UF/IFAS
<p>4:45 pm – 5:30 pm</p>	<p>NETWORKING DESSERT RECEPTION</p>