



THE 7TH GLOBAL FORUM OF LEADERS FOR AGRICULTURAL SCIENCE
AND TECHNOLOGY



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01

Agenda

SCIENCE AND TECHNOLOGY LEADING THE TRANSFORMATION
OF GLOBAL AGRI-FOOD SYSTEMS

AGENDA

The 7th Global Forum of Leaders for Agricultural Science and Technology (GLAST 2023)
Mangrove Tree Resort World Sanya Bay Convention Center
Sanya, China, October 25-28, 2023

Day 0 October 25, Wednesday	
08:30-18:30	Registration Venue: King Palm Tower Lobby
Oct 26-27, Wednesday-Thursday	
09:00-17:00	Exhibition Showcase of scientific achievements of CAAS and Hainan Province, including taste of CAAS products and local agricultural products Venue: Hall B&C, Level 3, International Convention Center
Day 1 October 26, Thursday	
09:00-10:10	Opening Ceremony Venue: Hall B, Level 3, International Convention Center
Chair: Prof. SUN Tan, Vice President of CAAS	
09:00-10:10	Opening Remarks by Representative of the People's Government of Sanya City Opening Remarks by Representative of CGIAR Opening Remarks by Representative of the People's Government of Hainan Province Opening Remarks by Representative of IAEA Opening Remarks by Representative of CAAS Opening Remarks by Representative of FAO Opening Remarks by Representative of MARA, China
10:10-10:30	Coffee Break

10:30-11:45	Keynote Speech Venue: Hall B, Level 3, International Convention Center
Chair: Prof. Felix Dakora, Academician of Chinese Academy of Engineering/Immediate Past President of African Academy of Sciences	
Focusing on the theme of "Science and Technology Leading the Transformation of Global Agri-food Systems", speakers including internationally renowned experts and policy makers and industry leaders will deliver keynote speeches (15 min each) in this session.	
10:30-10:45	Dr. MEI Xurong Vice President of Chinese Academy of Agricultural Sciences (CAAS) Topic: Promoting High-quality Global Agricultural Development through Science and Technology Innovation
10:45-11:00	Dr. Arthur Mol Rector Magnificus of Wageningen University & Research (WUR) Topic: Transforming Agrofood Systems-the Role of Science
11:00-11:15	Dr. Ismahane Elouafi Chief Scientist of the Food and Agriculture Organization of the United Nations (FAO) Topic: TBD
11:15-11:30	Dr. Johan Swinnen Global Director of CGIAR Systems Transformation/Director General of IFPRI Topic: Leveraging Research and Innovation to Transform Food Systems
11:30-11:45	Robert H. Hanson Agricultural Minister Counselor, U.S. Embassy Beijing, China Topic: USDA Perspective on Advancing Innovation in Agriculture
Lunch Break	



14:30-16:00

Subject I: Improving Agricultural Productivity for Food System Transformation
Venue: Hall B, Level 3, International Convention Center

Chair: Light Litha Magingxa, President of Agricultural Research Council
WU Wenbin, Director General of IARRP of CAAS

In this session, experts will give keynote presentations focusing on green sustainable and resource-saving agricultural production, responding to agricultural disasters, improving technological innovation to enhance agriculture's ability to respond to climate change, climate resilient agriculture and farmland carbon sequestration and emission reduction, the development of new agricultural machinery to ensure food production safety, and food saving and loss reduction in the whole chain.

14:30-14:45

Dr. Ruben Echeverria

Senior Advisor of Bill & Melinda Gates Foundation
Topic: Strengthening National, Regional and International Research and Innovation Investments for Inclusive Agricultural Transformation

14:45-15:00

Dr. Antonio Moretti

Research leader of Sciences of Food Production, CNR National Research Council of Italy
Topic: Advanced Strategies to Mitigate Mycotoxin Contamination along the Food Chain

15:00-15:15

Dr. Simon Heck

Director General of International Potato Center (CIP)
Topic: Improving Productivity of Root and Tuber Crops for Food System Transformation

15:15-15:30

Dr. Sinead Leahy

Principal Scientist of New Zealand Agricultural Greenhouse Gas Research Centre (NZAGRC)
Topic: Mitigation of Agricultural Greenhouse Gas Emissions from Livestock Sector

15:30-15:45

Dr. Nicolás Gutiérrez

Leader of the Strategic Intelligence Group, National Institute of Agricultural Research of Uruguay (INIA)
Topic: New Approaches for Technological Development in Small Countries: From Agricultural R&D to Market Oriented New Product Development Processes

15:45-16:00

Dr. Puji Lestari

Chairman of Research Organization for Agriculture and Food of Indonesia
Topic: Overview of Research and Innovation to Improve Agricultural Productivity for Food Security in Indonesia

16:00-17:30

Subject II: The Role of Cutting-edge and Game-changing Technologies in Agricultural Transformation
Venue: Hall B, Level 3, International Convention Center

Chair: Timothy Willis, Associate Director International of UKRI
GU Xiaofeng, Deputy Director General of BRI, CAAS

In this session, experts will give keynote presentations focusing on animal and plant biological design breeding technology, crop genetic resources research network and big data sharing, agricultural internet of things, big data and artificial intelligence (AI).

16:00-16:15

Dr. Bill Hansson

Director of Max Planck Society
Topic: Advanced Techniques to Dissect Insect Smell-driven Behavior

16:15-16:30

Dr. Stanford Blade

Professor and Dean of Faculty of Agricultural, Life and Environmental Sciences, University of Alberta
Topic: Seeding Innovation: the Future of Food

16:30-16:45

Dr. Daniel Elger

CEO of CAB International
Topic: Increase the Reach, Application and Impact of Sustainable Practices and Technologies in Crop Production

16:45-17:00

Dr. HAN Bin

Academician, Director of Center for Excellence in Molecular Plant Sciences (CEMPS)/Institute of Plant Physiology and Ecology, Chinese Academy of Sciences
Topic: Quantification and Genomic Prediction of Heterosis from Hybrid Rice Genomes

17:00-17:15

Dr. Shenggen FAN

Professor and Dean of Academy of Food Economics and Policy, China Agricultural University
Topic: Food Systems Transformation, Rural Revitalization and Common Prosperity: the Role of Innovations

17:15-17:30

Dr. LI Daoliang

Dean of International College Beijing of China Agricultural University
Topic: Digital Agriculture Development and Talent Cultivation

18:20-18:30

FAO-CAAS Youth Hackathon Awards Ceremony

18:30-20:00

Welcoming Banquet

Day 2 October 27, Friday	
08:30-09:45	Subject III: Rural Revitalization and Smallholder Development through Scientific and Technological Innovation Venue: Hall B, Level 3, International Convention Center
Chair: Asfaliza Binti Ramli, Deputy Director General of Malaysian Agricultural Research and Development Institute (MARDI) HU Xiangdong, Deputy Director General of IAED, CAAS	

In this session, experts will be invited to give keynote presentations focusing on digital rural construction and digital economy, the role of scientific and technological innovation in the development of modern rural industrial system, and the empowerment of smallholders, youth and women by technology.

08:30-08:45	Dr. Thomas Glauben Director of Leibniz Institute of Agricultural Development in Transition Economies Topic: Digitalization of Small Scale Agriculture: First Insights from Recent Field Surveys and Experiments in China and Central Asia
08:45-09:00	Dr. Eliud Kiplimo Kireger Director General of Kenya Agricultural & Livestock Research Organization Topic: The Role of Tea & Tea Science in Fostering Rural Development, Poverty Reduction, and Gender Equality in Kenya
09:00-09:15	Dr. Osamu Koyama Professor and Chair of Japan International Research Center for Agricultural Sciences (JIRCAS) Topic: What Makes STI Relevant to Rural Revitalization and Smallholder Development?
09:15-09:30	Dr. Laila Barnaba Lokosang Senior Advisor of African Union Commission Topic: Taking Agricultural Science, Technology and Innovation to Rural Areas: How is it Entrenched in the AU Agrifood Systems Transformation Agenda?
09:30-09:45	Mr. HUANG Zheng'en President of Hainan Academy of Agricultural Sciences Topic: Innovation in Southern Breeding Seed Industry Enabled High-quality Development of the Grain Industry to Contribute to Rural Revitalization

09:45-10:15	Closing Ceremony Venue: Hall B, Level 3, International Convention Center
Chair: Prof. JIN Ke, Director General, Department of International Cooperation, CAAS	

09:45-10:05	Adoption of GLAST 2023 Sanya Declaration
10:05-10:15	Closing Remarks by Representative of CAAS

Day 3 October 28, Saturday	
09:00-18:00	Field Trip

09:00-13:00	Damao Ocean Ecological Village → National Breeding and Multiplication Base of Institute of Cotton Research, CAAS → Zhongliao Village;
14:30-18:00	Exhibition Hall, Industrial Promotion Center of Yazhou Bay Science and Technology City → National Phenotypic Research Facility for Crops Propagated in South China of CAAS.