Sub-Session I
Integrative Plant Sciences Mitigating Food Production Constraints under Unpredictable Climates
Chair: Michiyuki Ono, University of Tsukuba

09:00-09:15 Hiroshi Ezura University of Tsukuba
Opening Address

Kyosuke Nagata President
University of Tsukuba

09:15-09:50 Michael Thomashow Michigan State University
Regulation of Freezing Tolerance and Salicylic Acid-Mediated Immunity by Arabidopsis CAMTA Transcription Factors

09:50-10:25 Gregg A. Howe Michigan State University
Modularity in Jasmonate Signaling for Multi-stress Tolerance

10:25-10:55 Kazuo Nakashima Japan International Research Center for Agricultural Sciences (JIRCAS)
Development of Technologies and Crops for Stable Food Production under Adverse Environments and Changing Climate Conditions

10:55-11:10 Break

11:10-11:35 Brad Day Michigan State University
Defining the Convergence and Interplay Between Biotic and Abiotic Stress Signaling

11:35-12:00 David B. Lowry Michigan State University
Leveraging Evolutionary Adaptations to Improve Crop Resilience

12:00-12:25 Norbert Bollier INRA-Bordeaux

12:25-12:45 Kenji Miura University of Tsukuba
Functional Analysis of ICE1 Interacting Proteins for Cold Tolerance

Sub-Session II
Sustainable Resources Management for Self-Sufficiency and Food Safety
Chair: Atsushi Asano, University of Tsukuba

14:15 -14:40 Luca Comai University of California Davis
Haploid Induction and Genome Elimination Mediated by Centromeric Histone 3

14:40 -15:00 Ken Hoshikawa University of Tsukuba
Development of Tomato Bioresources in Japan Based on cv. “Micro-Tom” as Model Tomato Cultivar.

15:00 -15:25 Kai-Wun Yeh National Taiwan University
Current Development of GM Oncidium Orchid in Taiwan: From Basic Research to Commercialization

15:25 -15:40 Break

15:40 -16:05 Phongthorn Kongmun Kasettsart University
Challenges an Integrated Organic Livestock-Plant Agriculture System in Thailand

16:05 -16:30 Kudang Boro Seminar Bogor Agricultural University
Improving Broiler Supply Chain Traceability in Indonesia

16:30 -16:55 Azmi Yahya Universiti Putra Malaysia
Issues and Challenges in Rice Production for Food Security in Malaysia

16:55 -17:20 Masami Takeuchi Food and Agriculture Organization of the United Nations (FAO)
Can We Feed the World in 2050? Science, Research and Technologies for Global Food Security

17:20 -17:30 Kazuo Watanabe University of Tsukuba
Closing Address