



筑波大学
University of Tsukuba

Tsukuba Global Science Week 2020

Zoom ID:

Time:

12:25-12:30	Tofael Ahamed		Organizer: Preface Agriculture X AI	Associate Professor Faculty of Life & Environmental Sciences & Moderator University of Tsukuba
12:30-12:55	Chihhao Fan		Alarming System and Strategic Response to Irrigation Water Quality Irregularity using IoT Monitoring System	Professor & Chair, Dept. Bioenvironmental Systems Engineering National Taiwan University (NTU) Taiwan
12:55-13:20	Payungsak Junyusen		Development of an Autonomous Tractor to Support Thailand 4.0 Platform	Assistant Professor School of Agricultural Engineering Suranaree University of Technology Thailand
13:20-16:45	Chito F. Sace		CLSU Smart Agriculture Programs: Gearing Towards the Attainment of Agriculture 4.0.	Professor Department of Agricultural and Biosystems Engineering Central Luzon State University, Philippines
13:45-14:10	Kudang Boro Seminar		Implementation Issues of the Precision Agriculture Technology for Nutrition Management in Oil Palm Areas	Professor and Dean Mechanical and Biosystem Engineering IPB University, Bogor Indonesia
14:10-14:35	Martin Anda		Low Carbon Transition Solution for mitigation (& Economic Recovery) in Western Australia	Academic Chair Department of Environmental Science Murdoch University Australia
14:35-15:00	Shuhei Yoshimoto		Tackling water resources problems under climate change: Cases in rural areas of Asia Pacific	National Agricultural Research Organization (NARO) Researcher, Ground Water Resources Japan
15:00-15:25	Siti Khairunniza Binti Beju		Smart intelligent technologies in crop protection towards Agriculture 5.0	Associate Professor Department of Biological and Agricultural Engineering Faculty of Engineering University Putra Malaysia (UPM) Malaysia
15:25-15:50	Shu-Yuan Pa		Systematic Approach to Mitigating the Impacts of Hot Spring Discharge on Irrigation Water Quality: The Role of Circular Economy and IoT	Assistant Professor Bioenvironmental Systems Engineering National Taiwan University (NTU), Taiwan
15:50-16:15	Sajid Saleem		Path Following and Mobile Edge Computing for Internet of Things (IoTs),	Assistant Professor Department of Computer and Network Engineering College of Computer Science and Engineering, University of Jeddah, Saudi Arabia
16:15-16:30	Ryozo Noguchi		Bioresources Engineering: Thanks, Note and Closing Remarks	Associate Professor Faculty of Life & Environmental Sciences University of Tsukuba Vice-President, Bioresource Division, JSAI