

*The Majority of all sessions in IAIC 2022 belong to the Central European Summer Time (CEST, UTC+2). Please use the time zone converter to check your local time for this conference.

DAY 1 Friday, 2nd September 2022

SGT	CEST	PROGRAMME
14:50 15:00	08:50 09:00	Registration
Chair Opening Remarks		
15:00 15:05	09:00 09:05	Dr. Tzong-Ru Lee Professor, Department of Marketing, National Chung Hsing University, Taiwan Chairman, International Association for Agricultural Sustainability (IAAS), Singapore
Keynote Speech		
15:05 15:25	09:05 09:25	“Plenary Session on V/Wine History” Dr. Michel Hernould Professor, Department of Environmental Sciences, University of Bordeaux, France
15:25 15:45	09:25 09:45	“Fermentation in the Wine and Cheese Producing Region of Bourgogne-Franche Comté, a Quest for Quality, Safety and Typicity?” Dr. Yves Waché Professor, Biotech & Food Microbiology, L’Institut Agro Dijon, France

Theme 1 - The Impact of Climate Change on Agriculture and Resilient Agriculture

SGT	CEST	PROGRAMME
15:45 16:00	09:45 10:00	“Sustainable Production of Nutritious High Quality Horticultural Crops” Dr. Amit Dhingra Professor and Department Head, Department of Horticultural Sciences, Texas A&M University, U.S.A.
16:00 16:25	10:00 10:25	“Leveraging Collaboration between Government, Academia and Industry for Advancement of Sustainable Agriculture.” Dr. Jacob (Kobi) Inbar Head of Uzi Wexler Graduate Program in Technological Entrepreneurship, Department of Industrial Engineering and Management, Azrieli College of Engineering, Jerusalem, Israel
16:25 16:45	10:25 10:45	“Challenges and Opportunities for Climate-Smart Agriculture” Dr. Julie A Howe Associate Professor, Soil and Crop Science Department, Texas A&M University, U.S.A.

16:45 17:00	10:45 11:00	“An Innovative Agro-waste Gasification Power Generation Integrated with the Portable Microgrid” Dr. Keng-Tung Wu Associate Professor, Department of Forestry, National Chung Hsing University, Taiwan	
17:00 17:15	11:00 11:15	“Towards Carbon Neutrality” Dr. Ville Isoherranen Director & Adj. Professor, School of Engineering and Natural Resources, Oulu University of Applied Sciences (OUAS), Finland	
17:15 17:45	11:15 11:45	Panel Discussion	Moderator Dr. Ville Isoherranen Director & Adj. Professor, School of Engineering and Natural Resources, Oulu University of Applied Sciences (OUAS), Finland
Panelists Dr. Amit Dhingra Professor and Department Head, Department of Horticultural Sciences, Texas A&M University, U.S.A.			
Dr. Jacob (Kobi) Inbar Head of Uzi Wexler Graduate Program in Technological Entrepreneurship, Department of Industrial Engineering and Management, Azrieli College of Engineering, Jerusalem, Israel			
Dr. Julie A Howe Associate Professor, Soil and Crop Science Department, Texas A&M University, U.S.A.			
Dr. Keng-Tung Wu Associate Professor, Department of Forestry, National Chung Hsing University, Taiwan			
Dr. Mathew Baker Professor and Department head in Agricultural Leadership, Education, and Communications at Texas A&M University, U.S.A.			

Theme 2 - The Roles of International Agricultural Organizations in Developing Countries

SGT	CEST	PROGRAMME	
19:00 19:25	13:00 13:25	“Creating a Balanced Innovation Investment Portfolio for Future Agri-food Systems” Mr. David Shearer Ex-Deputy Head of Secretariat, Commission on Sustainable Agriculture Intensification (CoSAI)	
19:25 19:40	13:25 13:40	“Leveraging Collaboration between Government, Academia and Industry for Advancement of Sustainable Agriculture.” Dr. Ravi Khetarpal Executive Secretary, Asia-Pacific Association of Agricultural Research Institutions (APAARI)	
19:40 20:10	13:40 14:10	Panel Discussion	Moderator Dr. Hildegard Lingnau Executive Secretary of the Global Forum on Agricultural Research and Innovation (GFAR)
Panelists Mr. David Shearer Ex-Deputy Head of Secretariat, Commission on Sustainable Agriculture Intensification (CoSAI)			
Dr. Ravi Khetarpal Executive Secretary, Asia-Pacific Association of Agricultural Research Institutions (APAARI)			

Theme 3 – The Output of Intellectual Property Right of Agricultural Science and Technology

SGT	CEST	PROGRAMME	
20:10 20:30	14:10 14:30	<i>“The Output of IP Right of Agricultural Science”</i> Ms. Joanna Preston Associate Director, Licensing, University of Alberta Technology Transfer Services, Canada	
20:30 20:40	14:30 14:40	<i>“Communicating the Value of Academic Technology Transfer”</i> Dr. Kenneth Porter Director, UM Ventures, College Park, University of Maryland, U.S.A.	
20:40 21:00	14:40 15:00	<i>“Commercialization of Agricultural Technology - Case Study from Taiwan”</i> Dr. Paul S.P. Hsu Chairman & Founding Partner of Paul Hsu & Partners Co., Ltd. Taiwan	
21:00 21:25	15:00 15:25	<i>“The Equity and Efficiency of Agricultural Development from Intellectual Property Rights”</i> Dr. Cheng Yu-Chao (Jack) Adjunct Associate Professor of Engineering Leadership, Faculty of Engineering, National University of Singapore (NUS), Singapore	
21:25 21:55	15:25 15:55	Panel Discussion	Moderator Dr. Kenneth Porter Director, UM Ventures, College Park, University of Maryland, U.S.A.
Panelists Ms. Joanna Preston Associate Director, Licensing, University of Alberta Technology Transfer Services, Canada			
Dr. Paul S.P. Hsu Chairman & Founding Partner of Paul Hsu & Partners Co., Ltd. Taiwan			
Dr. Cheng Yu-Chao (Jack) Adjunct Associate Professor of Engineering Leadership, Faculty of Engineering, National University of Singapore (NUS), Singapore			
Mr. Brad Chin Partner and Chair, Intellectual Property Practice Group, Bracewell LLP, U.S.A.			
		Ms. Janie Hurley Director, Intellectual Property & Commercialization at Texas A&M AgriLife Research, The Texas A&M University System, U.S.A.	

Theme 4 – Fermentation Science and the Development Trend of Food Technology in the Future

SGT	CEST	PROGRAMME	
21:55 22:10	15:55 16:10	<p>“Rethinking Malolactic Fermentation in a New Climate” Dr. Andreea Botezatu Professor, Assistant Professor & Enology Extension Specialist, Department of Horticulture, Texas A&M Agrilife, U.S.A.</p>	
22:10 22:25	16:10 16:25	<p>“Technology Convergence and Talent Mobility Cross Borders in the Wine Industry” Dr. Chun-Chieh Wang Assistant Professor, Department of Bio-Industry Communication and Development, National Taiwan University, Taiwan</p>	
22:25 22:40	16:25 16:40	<p>“The association of fermented dairy foods with reduced risk of noncommunicable diseases: the dairy food matrix” Dr. Ian Givens Professor and Director, Institute for Food, Nutrition and Health, University of Reading, UK</p>	
22:40 22:50	16:40 16:50	<p>“Production of Anti-inflammatory Potential Substances by Fungal Solid-State Fermentation-Taking <i>Antrodia cinnamomea</i> as an Example” Dr. Chien-Liang Kuo C.M.D./Nutritionist/Food technician, AgriGADA Biotech Pte. Ltd. Taiwan</p>	
22:50 23:20	16:50 17:20	Panel Discussion	<p>Moderator Dr. Cheng-I Wei Professor and Acting Chair, Department of Nutrition & Food Science, University of Maryland, USA Honorary Chairman, International Association for Agricultural Sustainability (IAAS), Singapore</p>
			<p>Panelists Dr. Andreea Botezatu Professor, Assistant Professor & Enology Extension Specialist, Department of Horticulture, Texas A&M Agrilife, U.S.A.</p>
			<p>Dr. Chun-Chieh Wang Assistant Professor, Department of Bio-Industry Communication and Development, National Taiwan University, Taiwan</p>

Conference Agenda

Main Organizer:



Joint Organizer:



Theme 5 - Application of Artificial Intelligence in Agricultural Digital Twins					
SGT	CEST	PROGRAMME			
23:20 23:40	17:20 17:40	<p>“IoT Sensors for Agriculture: Opportunities and Security Implications” Dr. Angelos Stavrou Professor, Bradley Department of Electrical & Computer Engineering, Virginia Polytechnic Institute and State University (Virginia Tech), U.S.A.</p>			
23:40 00:00	17:40 18:00	<p>“Digital Twin-Based Architecture for Smart Farming” Dr. Bedir Tekinerdogan Professor and Chair, Department of Information Technology, Wageningen University, Amsterdam, Netherlands</p>			
00:00 00:15	18:00 18:15	<table border="1"> <tr> <td rowspan="2" style="writing-mode: vertical-rl; transform: rotate(180deg);">Dialogue Session</td> <td> <p>Dialogue Panel Experts: Dr. Angelos Stavrou Professor, Bradley Department of Electrical & Computer Engineering, Virginia Polytechnic Institute and State University (Virginia Tech), U.S.A.</p> </td> </tr> <tr> <td> <p>Dr. Gökhan Özertan Professor, Department of Economics, Boğaziçi University, Turkey</p> </td> </tr> </table>	Dialogue Session	<p>Dialogue Panel Experts: Dr. Angelos Stavrou Professor, Bradley Department of Electrical & Computer Engineering, Virginia Polytechnic Institute and State University (Virginia Tech), U.S.A.</p>	<p>Dr. Gökhan Özertan Professor, Department of Economics, Boğaziçi University, Turkey</p>
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	<p>Dr. Gökhan Özertan Professor, Department of Economics, Boğaziçi University, Turkey</p>				
Closing Remarks					
00:15 00:20	18:15 18:20	<p>Dr. Tzong-Ru Lee Professor, Department of Marketing, National Chung Hsing University, Taiwan Chairman, International Association for Agricultural Sustainability (IAAS), Singapore</p>			