

Conference Procedures

September 9, 2021

The host: Prof. Chuan Li

Conference Keynote Speakers: Prof. Paolo Mattavelli Prof. Vedran Bilas Prof. Chuan Li

Parallel Sessions Speakers (Call for speakers, tentatively set at 21 people)

Agenda			
		Live link	https://live.hst.com/OgJ3QhtQU
Opening 15:15 (China & Malaysia) 9:15 (Central EU), 8:15 (UK) 14:15 (Vietnam Laos & Thailand)	<p style="text-align: center;"><i>Host: Prof. Chuan Li</i></p> <p style="text-align: center;"><i>Dongguan University Of Technology</i></p>		
Keynote speech 15:30 (China & Malaysia) 9:30 (Central EU), 8:30 (UK) 14:30 (Vietnam Laos & Thailand)	<p style="text-align: center;"><i>Keynote Speaker: Prof Chris Guy (Member of IET's Academic Accreditation Committee) and Mr Dan Canty (Head of IET Accreditation & Awards)</i></p> <p style="text-align: center;">Topic: IET Academic Accreditation</p> <p style="text-align: center;"><i>IET - Institution of Engineering and Technology</i></p>		
Keynote speech 16:00 (China & Malaysia) 10:00 (Central EU), 9:00 (UK) 15:00 (Vietnam Laos & Thailand)	<p style="text-align: center;"><i>Keynote Speaker: Prof. Paolo Mattavelli</i></p> <p style="text-align: center;">Topic: Power electronics for smart-grids and renewables</p> <p style="text-align: center;"><i>IEEE Fellow, Co-Editors-in-Chief, IEEE Transactions on Power Electronics</i></p> <p style="text-align: center;"><i>University of Padova</i></p>		
Keynote speech 16:30 (China & Malaysia) 10:30 (Central EU), 9:30 (UK) 15:30 (Vietnam Laos & Thailand)	<p style="text-align: center;"><i>Keynote Speaker: Prof. Vedran Bilas</i></p> <p style="text-align: center;">Topic: Low power and energy efficient sensing in acoustic and ultrasound domain</p> <p style="text-align: center;"><i>Associate Editors-in-Chief, IEEE Transactions on Instrumentation and Measurement</i></p> <p style="text-align: center;"><i>University of Zagreb</i></p>		
Keynote speech 17:00 (China & Malaysia) 11:00 (Central EU), 10:00 (UK) 16:00 (Vietnam Laos & Thailand)	<p style="text-align: center;"><i>Keynote Speaker: Prof. Chuan Li</i></p> <p style="text-align: center;">Topic: Deep learning for machinery fault diagnosis in the era of artificial intelligence</p> <p style="text-align: center;"><i>IET Fellow, Dongguan University of Technology</i></p>		
Parallel Sessions	<p style="text-align: center;">IWIIM 2021 -Industry 4.0 and Intelligent Manufacturing 1 Live link</p> <p style="text-align: center;">https://live.hst.com/OgJ3QhtQU</p>	<p style="text-align: center;">IWIIM 2021 -Industry 4.0 and Intelligent Manufacturing 2 Live link</p> <p style="text-align: center;">https://live.hst.com/Wq1RDFMNM</p>	<p style="text-align: center;">IWIIM 2021 -Industry 4.0 and Intelligent Manufacturing 3 Live link</p> <p style="text-align: center;">https://live.hst.com/9A0ZACQBu</p>
	<p>1 Session chair: Prof. András Gábor, <i>Corvinus University of Budapest</i></p> <p>Co-chair: Prof Paolo Mattavelli, <i>University of Padova</i></p>	<p>2 Session chair: Dr. Chin Fhong Soon, <i>University Tun Hussein Onn Malaysia</i></p> <p>Co-chair: Prof Verdran Bilas, <i>University of Zagreb</i></p>	<p>3 Session chair: Dr. Faisal Nazeer, <i>Dongguan University of Technology</i></p> <p>Co-chair: Prof Chuan Li, <i>Dongguan University of Technology</i></p>
17:30 (China & Malaysia) 11:30 (Central EU), 10:30 (UK) 16:30 (Vietnam Laos & Thailand)	<p>An ultra-reliable architecture for electric transportation</p> <p><i>Speaker: Dr. Savvas Papadopoulos</i></p> <p>Edinburgh Napier University</p>	<p>Cloud based magnetometer for vehicle monitoring</p> <p><i>Speaker: Assoc. Prof. Ir. Dr. Chin Fhong Soon</i></p> <p>University Tun Hussein Onn Malaysia</p>	<p>Optical fiber sensors in smart applications</p> <p><i>Speaker: Binetti Leonardo</i></p> <p>Edinburgh Napier University</p>
18:00 (China & Malaysia) 12:00 (Central EU), 11:00 (UK) 17:00 (Vietnam Laos & Thailand)	<p>Metamaterials and AI: sensing and medical diagnostics</p> <p><i>Speaker: Dr. Luigi La Spada</i></p> <p>Edinburgh Napier University</p>	<p>Serious games for medical applications</p> <p><i>Speaker: Prof. NOPPON CHOOSRI</i></p> <p>Chiang Mai University</p>	<p>Machine Learning Modeling for Patient Length of Stay Prediction</p> <p><i>Speaker: Dr. Farhanahani Mahmud</i></p> <p>University Tun Hussein Onn Malaysia</p>
18:30 (China & Malaysia) 12:30 (Central EU), 11:30 (UK) 17:30 (Vietnam Laos & Thailand)	<p>SunSpace Project - Smart Farming Pilots and Trainings</p> <p><i>Speaker: Prof. Zoltán Szabó and Prof Gabor Andras</i></p> <p>Corvinus University of Budapest</p>	<p>Predictive maintenance</p> <p><i>Speaker: Dr. Andrea Kő and Dr. Tibor Kovacs</i></p> <p>Corvinus University of Budapest</p>	<p>Industry 4.0 and process management</p> <p><i>Speaker: Dr. Katalin Ternai and Domonkos Gáspár</i></p> <p>Corvinus University of Budapest</p>

19:00 (China & Malaysia) 13:00 (Central EU), 12:00 (UK) 18:00 (Vietnam Laos & Thailand)	<p>Methodology Using Quality Function Deployment and Mathematical Programming for Chinese Electric Power Grid Operators</p> <p><i>Speaker: Dr. Cheng Wang</i> Guangxi University of Science and Technology</p>	<p>Control of Web transport System using Tension observer and RBF Neural Network</p> <p><i>Speaker: Dr. Tong Thi Ly</i> Hanoi University of Technology</p>	<p>Cold chain cross border logistics: a case study of Thailand-China trading</p> <p><i>Speaker: Prof. Danaitun PONGPATCHARATORNTEP</i> Chiang Mai University</p>
19:30 (China & Malaysia) 13:30 (Central EU), 12:30 (UK) 18:30 (Vietnam Laos & Thailand)	<p>3D printing in biomedical engineering: processes, materials and applications</p> <p><i>Speaker: Dr. Chong Wang (Associate Professor)</i> Dongguan University Of Technology</p>	<p>Aerodynamic investigations of morphing avian tail for future micro aerial vehicles</p> <p><i>Speaker: Dr. Jialei Song</i> Dongguan University Of Technology</p>	<p>Exploration of high-quality innovative development of traditional manufacturing industry - A case study on carbon-neutral industrial park</p> <p><i>Speaker: Jing Fang</i> Letaron Electronic Co.Ltd</p>
20:00 (China & Malaysia) 14:00 (Central EU), 13:00 (UK) 19:00 (Vietnam Laos & Thailand)	<p>A insight into 3D printing of structural ceramics</p> <p><i>Speaker: Prof Wei Liu</i> Dongguan University of Technology</p>	<p>Context-Active Resilience in Cyber Physical Systems and Next Generation of Internet of Things</p> <p><i>Speaker: Prof. Xiaodong Liu</i> Edinburgh Napier University</p>	<p>The structural evolutions of free-carbon in amorphous polymer derived ceramics</p> <p><i>Speaker: Dr. Kewei Wang</i> Dongguan University of Technology</p>
20:30 (China & Malaysia) 14:30 (Central EU), 13:30 (UK) 19:30 (Vietnam Laos & Thailand)	<p>Electrical equipment risk linkage management and control</p> <p><i>Speaker: RongRong Wu</i> Electric Power Research Institute of Guangxi Power Grid Co., Ltd.</p>	<p>Generative adversarial based deep learning with application to the classification of an industrial robot</p> <p><i>Speaker: Dr. Yun Bai</i> University of Algarve</p>	<p>Introduction and Application of Multi-Physics Instrument</p> <p><i>Speaker: Dr. Yang Hai</i> Dongguan University Of Technology</p>
Organizing Committee Meetings 21:10 (China & Malaysia) 15:10 (Central EU), 14:10 (UK) 20:10 (Vietnam Laos & Thailand)	<p>The organizing committee and organizers have an online discussion on how to do a good job in the second year and beyond.</p>		
Ending			
21:30(China & Malaysia) 15:30 (Central EU) 14:30 (UK) 20:30 (Vietnam Laos & Thailand)			