

Monday, December 18, 2023										
14:00 - 17:00   Registration Check-In (Level 4 Foyer)										
15:00 - 17:00   Welcome Reception (Level 4 Foyer)										
Tuesday, December 19, 2023										
08:30 - 10:30   Opening & Keynote Presentations @ Level 4 Melati Main Ballroom										
Keynote Presentation I: "Machine Vision and 21st Century AI - Our Responsibilities for The Planet" Saman Halgamuge, Fellow of IEEE and IET and Professor, School of Electrical Mechanical and Infrastructure Engineering, The University of Melbourne										
Keynote Presentation II: "Education Reforms at NUS" Bernard Tan, Senior Vice Provost (Undergraduate Education), National University of Singapore										
10:30 - 11:00   AM Coffee/Tea Break (Level 4 Foyer)										
11:00 - 13:00   AM2 Oral Presentations										
Meeting Room	Room 4E	Room 4011	Room 4111	Room 4104	Room 4201	Room 4202	Room 4211	Room 4212	Room 4311	Room 4312
Session Chairs	Zahra HosseiniFard The University of Melbourne	Aries Susanty Diponegoro University	Norbert Trautmann University of Bern	Koichi Murata College of Industrial Technology, Nihon University	Haiying Jia Norwegian School of Economics	Charlie Sy De La Salle University	Shinji Inoue Kansai University	Zhe Zhang Nanjing University of Science and Technology	Daniel Y. Mo The Hang Seng University of Hong Kong	Song-Kyoo Kim Macao Polytechnic University
	Saurabh Chandra Indian Institute of Management Indore	Rajesh Matai Birla Institute of Technology & Science, Pilani	Om Prakesh Yadav North Carolina A&T State University	Annika Hasselblad Mid Sweden University	Dyuti Paul University of New South Wales Canberra	Yuan Chai The University of Adelaide	Karthik Sankaranarayanan Ontario Tech University		Venkateswarlu Nalluri Chaoyang University of Technology	
Topic	SCM1 Supply Chain Management	SCM2 Supply Chain Management	OR1 Operation Research	TKM1 Technology and Knowledge Management	BDA1 Big Data and Analytics	SMS1 Systems Modeling and Simulation	RME1 Reliability and Maintenance Engineering	MS1 Manufacturing Systems	DAM1 Decision Analysis and Methods	PM Project Management
Scheduled Presentations	IEEM23-A-0008	IEEM23-F-0077	IEEM23-F-0011	IEEM23-F-0059	IEEM23-F-0028	IEEM23-F-0061	IEEM23-F-0035	IEEM23-F-0015	IEEM23-A-0012	IEEM23-F-0065
	IEEM23-F-0033	IEEM23-F-0084	IEEM23-F-0031	IEEM23-F-0089	IEEM23-F-0029	IEEM23-F-0091	IEEM23-F-0090	IEEM23-F-0070	IEEM23-F-0128	IEEM23-F-0134
	IEEM23-F-0034	IEEM23-F-0113	IEEM23-F-0096	IEEM23-F-0095	IEEM23-F-0055	IEEM23-F-0098	IEEM23-F-0049	IEEM23-F-0157	IEEM23-F-0173	IEEM23-F-0268
	IEEM23-F-0052	IEEM23-F-0118	IEEM23-F-0139	IEEM23-F-0271	IEEM23-F-0271	IEEM23-F-0086	IEEM23-F-0129	IEEM23-F-0108	IEEM23-F-0187	IEEM23-F-0430
	IEEM23-A-0021	IEEM23-F-0119	IEEM23-F-0162	IEEM23-F-0279	IEEM23-F-0088	IEEM23-F-0255	IEEM23-F-0206	IEEM23-F-0187	IEEM23-F-0186	IEEM23-F-0553
	IEEM23-F-0057	IEEM23-F-0136	IEEM23-F-0214	IEEM23-A-0098	IEEM23-F-0209	IEEM23-F-0266	IEEM23-F-0266	IEEM23-F-0318	IEEM23-F-0288	IEEM23-F-0557
	IEEM23-F-0063	IEEM23-A-0275	IEEM23-F-0275	IEEM23-F-0286	IEEM23-F-0211	IEEM23-F-0266	IEEM23-F-0362	IEEM23-F-0100	IEEM23-F-0307	IEEM23-A-0144
			IEEM23-A-0094	IEEM23-F-0375						IEEM23-F-0371
13:00 - 14:00   Lunch (Level 4 Foyer)										
14:00 - 16:00   PM1 Oral Presentations										
Meeting Room	Room 4E	Room 4011	Room 4111	Room 4104	Room 4201	Room 4202	Room 4211	Room 4212	Room 4311	Room 4312
Session Chairs	Naly Rakoto IMT Atlantique	Shuo-Yan Chou National Taiwan University of Science and Technology	Norbert Trautmann University of Bern	Koichi Murata College of Industrial Technology, Nihon University	Danni Chang Shanghai Jiao Tong University	Zhiqiang Cai Northwestern Polytechnical University	Xiaoyue Wang Beijing Technology and Business University	Ahmed Mohammed University of Birmingham	Vagesh Narasimharthy Indian Institute of Technology Madras	Budi Hartono Universitas Gadjah Mada
	Meimei Zheng Shanghai Jiao Tong University	Shih-Wen Ke The Hong Kong Polytechnic University	Guopeng Song National University of Defense Technology	Suli Zheng China Jiliang University	Fan Liu National University of Singapore	Peng Jiang Sichuan University	Yaqiong Lv Wuhan University of Technology	Avishke Pandey Indian Institute of Technology Kharagpur	Leif Olsson Mid Sweden University	
Topic	SCM3 Supply Chain Management	IPE Information Processing and Engineering	OR2 Operation Research	TKM2 Technology and Knowledge Management	BDA2 Big Data and Analytics	SMS2 Systems Modeling and Simulation	RME2 Reliability and Maintenance Engineering	MS2 Manufacturing Systems	DAM2 Decision Analysis and Methods	CM Crisis Management
Scheduled Presentations	IEEM23-F-0197	IEEM23-F-0058	IEEM23-F-0290	IEEM23-F-0291	IEEM23-F-0239	IEEM23-F-0296	IEEM23-F-0363	IEEM23-F-0212	IEEM23-F-0295	IEEM23-F-0491
	IEEM23-F-0249	IEEM23-F-0232	IEEM23-F-0292	IEEM23-F-0293	IEEM23-F-0267	IEEM23-F-0391	IEEM23-F-0551	IEEM23-F-0394	IEEM23-F-0520	IEEM23-A-0129
	IEEM23-F-0265	IEEM23-F-0338	IEEM23-F-0309	IEEM23-F-0335	IEEM23-F-0314	IEEM23-F-0393	IEEM23-F-0582	IEEM23-F-0234	IEEM23-F-0443	IEEM23-F-0544
	IEEM23-F-0274	IEEM23-F-0356	IEEM23-F-0300	IEEM23-F-0410	IEEM23-F-0353	IEEM23-F-0431	IEEM23-F-0592	IEEM23-F-0236	IEEM23-F-0446	IEEM23-A-0333
	IEEM23-F-0327	IEEM23-F-0495	IEEM23-F-0328	IEEM23-F-0452	IEEM23-F-0420	IEEM23-F-0470	IEEM23-A-0083	IEEM23-F-0336	IEEM23-F-0451	IEEM23-F-0306
	IEEM23-F-0334	IEEM23-F-0503	IEEM23-F-0348	IEEM23-F-0453	IEEM23-F-0424	IEEM23-F-0477	IEEM23-A-0164	IEEM23-F-0401	IEEM23-F-0494	IEEM23-F-0522
	IEEM23-F-0337	IEEM23-F-0531	IEEM23-F-0365	IEEM23-F-0516	IEEM23-F-0488	IEEM23-F-0575	IEEM23-A-0291	IEEM23-F-0105	IEEM23-A-0230	IEEM23-F-0522
		IEEM23-F-0072	IEEM23-F-0365	IEEM23-A-0147	IEEM23-F-0305				IEEM23-A-0232	
16:00 - 16:30   PM Coffee/Tea Break (Level 4 Foyer)										
16:30 - 18:00   PM2 Oral Presentations										
Meeting Room	Room 4E	Room 4011	Room 4111	Room 4104	Room 4201	Room 4202	Room 4211	Room 4212	Room 4311	Room 4312
Session Chairs	Simon Yuen The Hong Kong Polytechnic University	Ziaul Haque Munim University of South-Eastern Norway	Neng Fan The University of Arizona	Leif Olsson Mid Sweden University	Carman Ka Man Lee The Hong Kong Polytechnic University	Kota Venkata Reddy Jawaharlal Nehru Technological University, Kakinada	Jazmin Tangsac De La Salle University	Tatsushi Nishi Okayama University	Yves De Smet Université Libre de Bruxelles	Amitava Mukherjee Xavier School of Management
				Ville Ojanen LUT University	Huong Giang Nguyen Friedrich-Alexander-Universität Erlangen-Nürnberg	David Valis University of Defence, Brno	Sylvester Mujakperuo University of Greenwich	Zhe Gao Shanghai Normal University		Benjamin Gigerl Siemens Energy
Topic	SCM4 Supply Chain Management	EET1 Engineering Education and Training	OR3 Operation Research	TKM3 Technology and Knowledge Management	BDA3 Big Data and Analytics	SMS3 Systems Modeling and Simulation	SIM1 Service Innovation and Management	MS3 Manufacturing Systems	DAM3 Decision Analysis and Methods	QCM1 Quality Control and Management
Scheduled Presentations	IEEM23-F-0425	IEEM23-F-0079	IEEM23-F-0367	IEEM23-F-0552	IEEM23-F-0512	IEEM23-F-0586	IEEM23-F-0045	IEEM23-F-0416	IEEM23-F-0500	IEEM23-F-0436
	IEEM23-F-0476	IEEM23-F-0137	IEEM23-F-0385	IEEM23-F-0570	IEEM23-F-0521	IEEM23-F-0593	IEEM23-F-0053	IEEM23-F-0426	IEEM23-F-0520	IEEM23-A-0100
	IEEM23-F-0485	IEEM23-F-0145	IEEM23-F-0387	IEEM23-F-0579	IEEM23-F-0581	IEEM23-A-0311	IEEM23-F-0195	IEEM23-A-0059	IEEM23-F-0580	IEEM23-A-0171
	IEEM23-F-0496	IEEM23-F-0333	IEEM23-F-0409	IEEM23-A-0074	IEEM23-A-0060	IEEM23-A-0312	IEEM23-F-0202	IEEM23-A-0231	IEEM23-A-0231	IEEM23-A-0240
	IEEM23-F-0509	IEEM23-F-0250	IEEM23-F-0441	IEEM23-A-0078	IEEM23-A-0064	IEEM23-F-0109	IEEM23-F-0545	IEEM23-F-0507	IEEM23-F-0087	IEEM23-A-0320
			IEEM23-F-0405	IEEM23-F-0056	IEEM23-A-0108			IEEM23-F-0215		IEEM23-F-0026
Wednesday, December 20, 2023										
08:30 - 10:30   AM1 Oral Presentations										
Meeting Room	Room 4E	Room 4011	Room 4111	Room 4104	Room 4201	Room 4202	Room 4211	Room 4212	Room 4311	Room 4312
Session Chairs	Hendro Wicaksono Constructor University	Carman Ka Man Lee The Hong Kong Polytechnic University	Rajesh Matai Birla Institute of Technology & Science, Pilani	Peter Onu University of Johannesburg	Ping Pong Chua Institute of High Performance Computing, Agency for Science, Technology & Research	Isabelle YS Chan The University of Hong Kong	Pei-Lee Teh Monash University	Fazleena Badurdeen University of Kentucky	Vinay Singh ABV-Indian Institute of Information Technology and Management Gwalior (MP) India	Jose Pedro Teixeira Domingues University of Minho
		Tiotlollo Halele University of South Africa		Annapoornima Subramanian National University of Singapore	Nan Chen National University of Singapore	Yung-Chang Hsiao National University of Tainan	Madalena Araújo University of Minho	Shucheng Miao The Hong Kong Polytechnic University	Yuchen Li Beijing University of Technology	
Topic	SCM5 Supply Chain Management	EET2 Engineering Education and Training	OR4 Operation Research	TKM4 Technology and Knowledge Management	BDA4 Big Data and Analytics	HF1 Human Factors	SIM2 Service Innovation and Management	MS4 Manufacturing Systems	PPC1 Production Planning Control	QCM2 Quality Control and Management
Scheduled Presentations	IEEM23-F-0518	IEEM23-F-0183	IEEM23-F-0444	IEEM23-F-0280	IEEM23-A-0117	IEEM23-A-0014	IEEM23-F-0324	IEEM23-A-0224	IEEM23-F-0003	IEEM23-F-0062
	IEEM23-F-0549	IEEM23-F-0301	IEEM23-F-0454	IEEM23-A-0109	IEEM23-A-0131	IEEM23-F-0355	IEEM23-A-0252	IEEM23-F-0150	IEEM23-F-0127	IEEM23-F-0222
	IEEM23-F-0559	IEEM23-F-0369	IEEM23-F-0484	IEEM23-A-0123	IEEM23-A-0150	IEEM23-F-0154	IEEM23-F-0417	IEEM23-A-0294	IEEM23-F-0259	IEEM23-F-0299
	IEEM23-F-0569	IEEM23-F-0578	IEEM23-F-0499	IEEM23-A-0210	IEEM23-A-0202	IEEM23-F-0185	IEEM23-F-0474	IEEM23-F-0182	IEEM23-F-0298	IEEM23-F-0323
	IEEM23-F-0590	IEEM23-F-0595	IEEM23-F-0510	IEEM23-A-0248	IEEM23-A-0211	IEEM23-F-0201	IEEM23-F-0480	IEEM23-A-0058	IEEM23-F-0329	IEEM23-F-0397
	IEEM23-A-0046	IEEM23-F-0021	IEEM23-F-0527	IEEM23-A-0250	IEEM23-A-0213	IEEM23-F-0244	IEEM23-F-0564	IEEM23-A-0173	IEEM23-A-0029	IEEM23-F-0019
	IEEM23-A-0072	IEEM23-F-0204	IEEM23-A-0331	IEEM23-F-0099	IEEM23-A-0223	IEEM23-F-0247	IEEM23-A-0088		IEEM23-F-0347	IEEM23-F-0020
		IEEM23-F-0040				IEEM23-F-0529	IEEM23-F-0054			
10:30 - 11:00   AM Coffee/Tea Break (Level 4 Foyer)										
11:00 - 13:00   AM2 Oral Presentations										
Meeting Room	Room 4E	Room 4011	Room 4111	Room 4104	Room 4201	Room 4202	Room 4211	Room 4212	Room 4311	Room 4312
Session Chairs	Parveen Goel Canada Post Corp	Linda Zhang IÉSEG School of Management	Sang Jin Kwon Ulsan National Institute of Science and Technology	Pei-Lee Teh Monash University	S.C. Johnson Lim Universiti Teknologi MARA	Aries Susanty Diponegoro University	Malcolm Yoke Hean Low Singapore Institute of Technology	Seung Ki Moon Nanyang Technological University	Fernando Fontes University of Porto	
		Jun-Der Leu National Central University	Jian Zhou Nanjing University of Science & Technology	Martin Ho University of Cambridge	Megashnee Munsamy University of Johannesburg	Victor Manuel Rayas-Carbajal Tecnologico de Monterrey		Kijung Park Incheon National University		
Topic	SCM6 Supply Chain Management	SCM7 Supply Chain Management	OR5 Operation Research	TKM5 Technology and Knowledge Management	IS1 Intelligent Systems	HF2 Human Factors	HSM1 Healthcare Systems and Management	SS1 Special Session Advanced Modular Design and Complexity	PPC2 Production Planning Control	
Scheduled Presentations	IEEM23-A-0077	IEEM23-F-0349	IEEM23-F-0528	IEEM23-A-0257	IEEM23-F-0198	IEEM23-F-0297	IEEM23-F-0151	IEEM23-A-0176	IEEM23-F-0358	
	IEEM23-A-0096	IEEM23-F-0350	IEEM23-F-0530	IEEM23-A-0259	IEEM23-F-0331	IEEM23-F-0263	IEEM23-F-0210	IEEM23-A-0193	IEEM23-F-0433	
	IEEM23-F-0132	IEEM23-F-0038	IEEM23-F-0534	IEEM23-A-0265	IEEM23-F-0313	IEEM23-F-0341	IEEM23-F-0264	IEEM23-A-0244	IEEM23-F-0466	
	IEEM23-A-0115	IEEM23-F-0381	IEEM23-F-0556	IEEM23-A-0332	IEEM23-F-0372	IEEM23-F-0351	IEEM23-F-0330	IEEM23-A-0073	IEEM23-F-0073	
	IEEM23-A-0125	IEEM23-F-0406	IEEM23-A-0062	IEEM23-A-0334	IEEM23-F-0400	IEEM23-F-0392	IEEM23-F-0463	IEEM23-F-0289	IEEM23-A-0079	
	IEEM23-A-0132	IEEM23-A-0036	IEEM23-A-0082	IEEM23-A-0335	IEEM23-F-0423	IEEM23-F-0458	IEEM23-F-0465	IEEM23-F-0283	IEEM23-A-0081	
	IEEM23-F-0567	IEEM23-F-0402	IEEM23-A-0089	IEEM23-F-0101	IEEM23-F-0440	IEEM23-A-0215	IEEM23-F-0497	IEEM23-A-0196	IEEM23-A-0184	
				IEEM23-F-0082	IEEM23-F-0284			IEEM23-A-0314	IEEM23-F-0535	
13:00 - 14:00   Lunch (Level 4 Foyer)										
13:00 - 15:00   Poster Set up (Poster Helpdesk Outside Room 4212)										
14:00 - 16:00   PM1 Oral Presentations										
Meeting Room	Room 4E	Room 4011	Room 4111	Room 4104	Room 4201	Room 4202	Room 4211	Room 4212	Room 4311	Room 4312
Session Chairs	Sanjita Jaipuria Indian Institute of Management Shillong	Pei-Lee Teh Monash University	Phillip Baumann University of Bern	Seung Ki Moon Nanyang Technological University	Sujit Das National Institute of Technology, Warangal	Jianxin (Roger) Jiao Georgia Institute of Technology	Xin Li The Education University of Hong Kong	Qingpei Hu Chinese Academy of Sciences	Mohamed Wahab Mohamed Ismail Toronto Metropolitan University	
	Javier Cabello Technical University of Denmark	Huey-Hsi Lo Aletheia University	Wee Meng Yeo University of Glasgow	Kartika Nur Alfina Bandung Institute of Technology	Mait Rungi Estonian Entrepreneurship University of Applied Sciences	Raja Jayaraman Khalifa University	Kaigan Zhang Shanghai Jiao Tong University			
Topic	SCM8 Supply Chain Management	EBEC E-Business and E-Commerce	OR6 Operation Research	SSRM Safety, Security and Risk Management	IS2 Intelligent Systems	HF3 Human Factors	HSM2 Healthcare Systems and Management	SS2 Special Session Reliability Statistics and Related Applications	EECA Engineering Economy and Cost Analysis	
Scheduled Presentations	IEEM23-A-0161	IEEM23-F-0149	IEEM23-F-0014	IEEM23-F-0022	IEEM23-F-0489	IEEM23-F-0486	IEEM23-F-0539	IEEM23-A-0180	IEEM23-F-0316	
	IEEM23-A-0187	IEEM23-F-0208	IEEM23-A-0105	IEEM23-F-0030	IEEM23-F-0490	IEEM23-F-0536	IEEM23-A-0057	IEEM23-A-0290	IEEM23-A-0130	
	IEEM23-A-0226	IEEM23-F-0038	IEEM23-A-0133	IEEM23-F-0069	IEEM23-F-0523	IEEM23-F-0547	IEEM23-A-0134	IEEM23-A-0298	IEEM23-A-0228	
	IEEM23-A-0260	IEEM23-F-0277	IEEM23-A-0267	IEEM23-F-0138	IEEM23-A-0110	IEEM23-F-0548	IEEM23-A-0148	IEEM23-F-0146	IEEM23-A-0241	
	IEEM23-A-0266	IEEM23-F-0469	IEEM23-A-0293	IEEM23-F-0188	IEEM23-A-0119	IEEM23-A-0119	IEEM23-A-0221	IEEM23-F-0283	IEEM23-F-0155	
	IEEM23-A-0118	IEEM23-F-0390	IEEM23-A-0323	IEEM23-F-0231	IEEM23-A-0288	IEEM23-F-0257	IEEM23-A-0316	IEEM23-F-0039	IEEM23-F-0248	
	IEEM23-F-0016	IEEM23-F-0262	IEEM23-F-0227	IEEM23-F-0317	IEEM23-A-0296	IEEM23-F-0585	IEEM23-A-0336	IEEM23-F-0585	IEEM23-A-0245	
				IEEM23-F-0479	IEEM23-F-0245	IEEM23-F-0354			IEEM23-F-0218	
16:00 - 16:30   PM Coffee/Tea Break (Level 4 Foyer)										
16:30 - 18:00   Poster Presentations @ Level 4 Foyer (Outside Rooms 4212 and 4312)										
Reliability and Maintenance Engineering	Reliability and Maintenance Engineering	Technology and Knowledge Management	Intelligent Systems	Human Factors	Manufacturing Systems	Supply Chain Management	Healthcare Systems and Management	E-Business and E-Commerce	Project Management	
IEEM23-F-0041	IEEM23-A-0261	IEEM23-A-0011	IEEM23-F-0278	IEEM23-F-0467	IEEM23-F-0112	IEEM23-F-0081	IEEM23-F-0220	IEEM23-F-0017	IEEM23-F-0594	
IEEM23-F-0132	IEEM23-A-0270	IEEM23-F-0038	IEEM23-F-0321	IEEM23-F-0538	IEEM23-F-0213	IEEM23-F-0179	IEEM23-F-0437	IEEM23-F-0068	IEEM23-A-	