

Program at a Glance, PRESM 2019

Nalod DaNang Hotel, DaNang, Vietnam

Date	Room	Room#1	Room#2	Room#3	Room#4	Room#5
	Time	Nguyet Que(3F)	Pho Hoi(3F)	My Son(3F)	My Khe(2F)	Cham 1(2F)
July 10	10:00-12:00	Committee Meeting (only PRESM2019 Committee Members)				
(Wed)	14:00-17:30	Registration Open Lobby(2F), Nalod Dang Hotel				
	16:00-17:30	Welcome Reception Lobby(2F), Nalod Dang Hotel				
	18:00-21:00	Welcome Dinner (only Invitees & Committee Members) - Nalod Hotel				

July 11 (Thu)	08:30	Registration Open - Lobby(2F), Nalod Dang Hotel					
	9:00-10:15	ORAL 1	Manufacturing Processes 1 (Additive Processes)	Organized Session 1 Additive Manufacturing-1	Micro/Nano Technology 1 (Micro/Nano materials)	Materials & Design 1 (Smart Materials, Composites)	Organized Session 2 Korea-Germany Intelligent Manufacturing Systems-2
	10:15-10:30	Coffee Break					
	10:30-12:00	ORAL 2	Manufacturing Processes 2 (Welding, Joining, Embossing)	Invited Talk Pei-Chen Su Organized Session 1 Additive Manufacturing-2	Micro/Nano Technology 2 (Micro/Nano Fabrication /Manufacturing)	Materials & Design 2 (Tribology, Surface Engineering)	Invited Talk Matthias Brockmann Organized Session 2 Korea-Germany Intelligent Manufacturing Systems-2
	12:00-13:00	Conference Lunch - Cat Dang (1F)					
	12:00-13:00	IJPEM/IJPEM-GT Editorial Board Meeting					
	13:00-13:10	Opening Ceremony - Nguyet Que (3F)					
	13:10-13:50	Plenary Speech 1 -Nguyet Que (3F) *Hideki Aoyama(Keio University)					
	13:50-14:00	Break					
	14:00-15:45	ORAL 3	Invited Talk Yunn-Shiuan Liao Manufacturing Processes 3 (Grinding, Ablation)	Organized Session 1 Additive Manufacturing-3 Organized Session 8 Singapore-Korea Joint Session-1	Invited Talk Low Hong Yee Micro/Nano Technology 3 (Micro/Nano Device and Applications)	Materials & Design 3 (Design of System and Components-1)	Automation, Measurement & Control 1 (Measurement Systems)
	15:45-16:00	Coffee Break					
	16:00-17:30	ORAL 4	Manufacturing Processes 4 (Machining)	Organized Session 8 Singapore-Korea Joint Session-2	Invited Talk Quoc Hung Nguyen Organized Session 6 System Engineering using Computational Mechanics	Materials & Design 4 (Design of System and Components-2)	Automation, Measurement & Control 2 (Automation)

July 12 (Fri)	08:30	Registration Open - Lobby(2F), Nalod Dang Hotel					
	9:00-10:15	ORAL 5	Manufacturing Processes 5 (CMP, Metal Forming)	Sustainable Technology 1 (Energy Monitoring and Management)	Machine Tools & Systems 1 (Advanced Machine Tools)	Materials & Design 5 (Design for Manufacturing)	Automation, Measurement & Control 3 (System Control)
	10:15-10:30	Coffee Break					
	10:30-12:00	ORAL 6	Invited Talk Kazuto Yamauchi Manufacturing Processes 6 (Manufacturing)	Invited Talk Le Hoang Sinh Sustainable Technology 2 (Manufacturing Technology)	Invited Talk ChaBum Lee Machine Tools & Systems 2 (Smart Factory)	Invited Talk Seung-Ki Moon Organized Session 7 Precision Machinery and Related Materials	Invited Talk Chunhua Zheng New and Renewable Energy 1 (Battery /Fuel cell / Solar cell)
	12:00-13:00	Conference Lunch - Cat Dang (1F)					
	13:00-13:40	Plenary Speech 2 -Nguyet Que (3F) Seung-Woo Kim (KAIST)					
	13:40-13:45	Break					
	13:45-14:45	Poster Presentation 1 - Robby (2F & 3F)					
	14:45-16:15	ORAL 7	Organized Session 4 Development of Freeform Optics Manufacturing Process and Measurement System	Organized Session 5 Innovative Forming	Machine Tools & Systems 3 (Machinery)	Materials & Design 6 (Ecofriendly and Advanced Materials)	New and Renewable Energy 2 (Wind/ Hydro and Other Energy)
	16:15-16:30	Coffee Break					
	16:30-17:30	Poster Presentation 2 - Robby (2F & 3F)					
	17:30-17:50	Closing Ceremony (Awards, PRESM 2020 Announcements and Closing Remark by Conference Chair)					
	18:30-21:00	Banquet - Four Points DaNang Hotel, Regular Participants and Banquet Ticket Owners Only					

July 13 (Sat)	9:00-11:30	Technical Tour - Duy Tan University (apply at the Conference VENUE (Nalod Hotel) at registration desk (2F, Lobby))				
	16:00-17:00	Korea-Vietnam Workshop (only Invitee & Committee) My Son(3F)				

Program at a Glance, PRESM 2019

Room #1 **Nguyet Que(3F)**

Date	Room	Topic	Time	No.	Abstract No.	Presenter	Title		
July 11 (THU)	08:30		08:30		Registration Open - Lobby(2F), Nalod Dang Hotel				
	9:00-10:15	ORAL 1	Manufacturing Processes 1 Additive Processes	09:15-09:30	OP001	2019PRESM-525	VO Thanh Hoang(The Université Grenoble Alpes)	Geometric Defect of the Overhang Part Produced by Additive Manufacturing	
				09:30-09:45	OP002	2019PRESM-250	Soo Yeol Lee(Chungnam National University)	Microstructure and Mechanical Anisotropy of Additive Manufactured Stainless Steel	
				09:45-10:00	OP003	2019PRESM-526	Junghoon Yeom(Michigan State University)	Sintering Additives as Joining Agents for Additively Manufactured Parts	
				10:10-10:15	OP004	2019PRESM-244	Im Doo Jung(Korea Institute of Materials Science)	Tensile Deformation and Fracture Behaviors of Metal 3D Printed H13 Tool Steel Under Varying Conditions	
	10:15-10:30			10:15-10:30		Coffee Break			
	10:30-12:00	ORAL 2	Manufacturing Processes 2 Welding, Joining, Embossing	10:30-10:45	OP005	2019PRESM-288	THI ANH NGUYET NGUYEN(University of Ulsan)	Electrically Assisted Pressure Joining of Steel Bolt and Plate	
				10:45-11:00	OP006	2019PRESM-292	Shengwei Zhang(University of Ulsan)	Electrically Assisted Solid State Joining of Steel and Aluminum Alloys	
				11:00-11:15	OP007	2019PRESM-498	Sungmin Cho(Seoul National University of Science and Technology)	Minimization of Surface Deflection in Rectangular Embossing Using Response Surface Analysis and Artificial Neural Network	
				11:15-11:30	OP008	2019PRESM-560	SeongHwan Park(Pusan National University)	Torque Characteristics of Friction Stir Welding for Dissimilar Pipe Parts of Cast Aluminum Alloy and High Strength Steel using Rotational Jig	
				11:30-11:45	OP009	2019PRESM-291	Kun Gao(University of Ulsan)	Friction Stir Spot Welding of Steel and Precipitation Hardening Aluminum Alloys	
	12:00-13:00		Lunch	12:00-13:00		Conference Lunch - Cat Dang (1F)			
	13:00-13:10			13:00-13:10		Opening Ceremony - Nguyet Que (3F)			
	13:10-13:50		Plenary	13:10-13:50		Plenary Speech 1 -Nguyet Que (3F) *Hideki Aoyama(Keio University)			
	13:50-14:00			13:50-14:00		Break			
	14:00-15:45	ORAL 3	Manufacturing Processes 3 Grinding, Ablation	Invited	14:00-14:30		Invited Talk - Yunn-Shiuan Liao (National Taiwan University)		
				14:30-14:45	OP010	2019PRESM-432	Jisoo Kim(Ulsan National Institute of Science and Technology)	A Defect-Free Surface Modification Process based on Hybrid Irradiations Using High Power Diode Laser and Large Pulsed Electron Beam	
				14:45-15:00	OP011	2019PRESM-112	Sangkee Min(University of Wisconsin-Madison)	Design and Development of PCD Tool for Micro-Grinding of Tungsten Carbide	
				15:00-15:15	OP012	2019PRESM-293	Byunggi Kim(Korea Advanced Institute of Science and Technology)	Effect of Electron-Lattice Coupling on Selective Ablation of Metal Thin Film by Using Ultrashort Pulse Laser	
				15:15-15:30	OP013	2019PRESM-217	Chongjun Wu(Donghua University)	Modeling of Grinding Chip Thickness Distribution for Brittle Materials by Material Removal Mode	
15:30-15:45		OP014	2019PRESM-546	AJAY GUPTA(National Taiwan University of Science and Technology)	Study on Reactive Electrophoretic Diamond Wire Sawing Process of Silicon Substrates for Solar Cell Application				
				15:45-16:00		Coffee Break			
ORAL 4		Manufacturing Processes 4 Machining	16:00-16:15	OP015	2019PRESM-392	Yuansheng Zhou(Central South University)	An Adaptive Geometric Envelope Approach to the Simulation of CNC Machining		
			16:15-16:30	OP016	2019PRESM-381	Byeong-chan Kwon(Konkuk University)	Analysis of the Relation Between Interlaminar Delamination, Thrust Force of Step Drill and CFRP Adhesion Force Measured by DCB Test		
			16:30-16:45	OP017	2019PRESM-503	Young Hun Jeong(Kyungpook National University)	Improvement of Tool Wear Estimation in CFRP Drilling		
	16:45-17:00		OP018	2019PRESM-528	Patrick Kwon(Michigan State University)	Layer Formations when Turning FGI and CGI Bars and Their Impact in Machinability			
	17:00-17:15		OP019	2019PRESM-527	Trung Nguyen(Hanoi University of Science and Technology)	Minimum Quantity Lubrication (MQL) and MQL with Exfoliated Graphite Nanoplatelets in Machining Titanium Alloy			

Room #1 **Nguyet Que(3F)**

Date	Room	Topic	Time	No.	Abstract No.	Presenter	Title	
July 12 (FRI)	08:30		08:30	Registration Open - Lobby(2F), Nalod Dang Hotel				
	ORAL 5	Manufacturing Processes 5 CMP, Metal Forming	09:15-09:30	OP020	2019PRESM-567	Hung Quach(Kyungpook National University)	A New Ductile Fracture Criterion for Prediction of Sheet Metal Forming	
			09:30-09:45	OP021	2019PRESM-500	Kyuseok Jung(Seoul National University of Science and Tech	A study on the Cross-Sectional Shape Discrepancy of Incremental Sheet Metal Forming	
			09:45-10:00	OP022	2019PRESM-439	Seonho Jeong(Pusan National University)	Process Time Modeling for Endpoint Detection on Package Substrate CMP	
			10:10-10:15	OP023	2019PRESM-417	Dasol Lee(Pusan National University)	Development of Slurry Supply System with Oxygen Atomization for Green CMP	
	10:15-10:30		10:15-10:30	Coffee Break				
	10:30-12:00	ORAL 6	Manufacturing Processes 6 Manufacturing	Invited	10:30-11:00	Invited Talk - Kazuto Yamauchi (Osaka University)		
				11:00-11:15	OP024	2019PRESM-281	Van Loi Tran(Korea Institute of Industrial Technology)	Development of Electrically Assisted Rapid Stress Relief Annealing for Helical Automotive Springs
				11:15-11:30	OP025	2019PRESM-020	Minh-Quang Tran(National Taiwan University of Science and	Estimation of Process Damping Coefficient Using Dynamic Cutting Force Model
				11:30-11:45	OP026	2019PRESM-463	Eric Dimla(RMIT University)	Recent Developments in Manufacturing of Marine Propellers: A Literature Review
				11:45-12:00	OP027	2019PRESM-036	Ill-Soo Kim(Mokpo National University)	A Study on Cluster-Wise Regression Model for Welding Quality in the Robotic Arc Welding
	12:00-13:00		Lunch	12:00-13:00	Conference Lunch - Cat Dang (1F)			
	13:00-13:40		Plenary	13:00-13:40	Plenary Speech 2 -Nguyet Que (3F) Seung-Woo Kim (KAIST)			
	13:40-13:45			13:40-13:45	Break			
	13:45-14:45		Poster 1	13:45-14:45	Poster Presentation 1 - Robby (3F)			
		ORAL 7	Organized Session Development of Freeform Optics Manufacturing Process and Measurement System	15:00-15:15	OS039	2019PRESM-111	Dae Wook Kim(The University of Arizona)	Full Spectrum Big Data Analysis for Dynamic Freeform Optics Manufacturing
				15:15-15:30	OS040	2019PRESM-534	Myung Cho(National Optical Astronomy Observatory)	Design and Development of a SiC Mirror for High Precision Optical Systems
				15:30-15:45	OS041	2019PRESM-271	Yong Sup Choi(National Fusion Research Institute)	Development of the Plasma Polishing Systems for Silicon Carbide
				15:45-16:00	OS042	2019PRESM-351	Youngsik Kim(The University of Arizona)	Wide-Field Freeform Projection Lens/Module for Augmented Reality
	16:15-16:30			16:15-16:30	Coffee Break			
	16:30-17:30		Poster 2	16:30-17:30	Poster Presentation 2 - Robby (3F)			
	17:30-17:50		Closing	17:50-17:50	Closing Ceremony (Awards, PRESM 2020 Announcements and Closing Remark by Conference Chair)			
18:30-21:00		Banquet	18:00-21:00	Banquet - Regular Participants and Banquet Ticket Owners Only				

Room #2 Hoi(3F)

Date	Topic	Time	No.	Abstract No.	Presenter	Title	
July 11 (THU)		08:30		Registration Open - Lobby(2F), Nalod Dang Hotel			
	ORAL 1 Additive Manufacturing 1	Organized Session	09:00-09:15	OS001	2019PRESM-459	Christelle Grandvallet(Université Grenoble Alpes)	Criteria for the Orientation of Additive Manufacturing Parts in Powder Bed Fusion: an Industry Practice
			09:15-09:30	OS002	2019PRESM-024	Chunliang Kuo(National Taiwan University of Science and Technology)	Effects of the Surface Alloying in Joining of Titanium Composite Powders with Heterogeneous Titanium Substrates Using Selective Laser Melting
			09:30-09:45	OS003	2019PRESM-539	Eunju Park(Ulsan National Institute of Science and Technology)	Surface Modification of Metallic Porous Structure Fabricated by Additive Manufacturing Technology
			09:45-10:00	OS004	2019PRESM-499	Frederic Vignat(Université Grenoble Alpes)	Design Rules for Support Structures in Electron Beam Melting
			10:10-10:15	OS005	2019PRESM-376	Faez Alkadi(The University of Akron)	Conformal Additive Manufacturing Process
			10:15-10:30		Coffee Break		
	ORAL 2 Additive Manufacturing 2	Organized Session	Invied		Invited Talk - Pei-Chen SU (Nanyang Technological University)		
			11:00-11:15	OS006	2019PRESM-428	Ngoc-Hien Tran(University of Transport and Communications)	An Experimental Investigation of the Deformation of the Printed Parts
			11:15-11:30	OS007	2019PRESM-278	Bih Lii Chua(Chosun University)	Development of Element Activation Algorithm for Thermal Stress Analysis of Metal Additive Manufacturing Using Directed Energy Deposition Process
			11:30-11:45	OS008	2019PRESM-121	Yongjie Zhang(Nanyang Technological University)	Investigation on the Effect of Annealing on Additive Manufactured ULTEM™ 9085 Mechanical Properties
			11:45-12:00	OS009	2019PRESM-013	Young-Jin KIM(Nanyang Technological University)	Laser Induced Graphene Electronics
	Lunch		12:00-13:00		Conference Lunch - Cat Dang (1F)		
			13:00-13:10		Opening Ceremony - Nquyet Que (3F)		
	Plenary		13:10-13:50		Plenary Speech 1 -Nquyet Que (3F) *Hideki Aoyama(Keio University)		
			13:50-14:00		Break		
	ORAL 3 Additive Manufacturing 3	Organized Session	14:00-14:15	OS010	2019PRESM-283	In Hwan Lee(Chungbuk National University)	Development of Multi Material Food 3D Printer
			14:15-14:30	OS011	2019PRESM-517	Dinh Son Nguyen(Danang University of Science and Technology)	A Method to Investigate Mechanical Properties of Lattice Structures for Additive Manufacturing
			14:30-14:45	OS012	2019PRESM-006	Thanh Tran(Vietnamese-German University)	Influence of Process Parameters on Mechanical Strength of Fabricated Parts Using the Fused Deposition Modelling Method
			14:45-15:00		Break		
	ORAL 4 Singapore-Korea Joint Session 1	Organized Session	15:00-15:15	OS097	2019PRESM-602	Seung Ki Moon(Nanyang Technological University)	The 4th Industrial Revolution: 3D Printing and Smart Factory
			15:15-15:30	OS098	2019PRESM-606	YANGJIN KIM(Pusan National University)	Wavelength Tuned Phase Shifting Interferometry – Development of Phase Shifting Algorithm
			15:30-15:45	OS099	2019PRESM-589	Seok Woo Lee(Nanyang Technological University)	Highly Efficient Electrochemical Energy Farvesting from a Mechanical Perspective
15:45-16:00			OS100	2019PRESM-601	Taehyun Park(Soongsil University)	Improvement in performance and stability of thin film solid oxide fuel cells through combination of multiple deposition processes	
		16:00-16:15		Coffee Break			
ORAL 5 Singapore-Korea Joint Session 2	Organized Session	16:15-16:30	OS101	2019PRESM-584	Young-Jin KIM(Nanyang Technological University)	Ultrafast Photonics for Ultra-Precision: Precision Metrology and Direct-Laser-Writing	
		16:30-16:45	OS102	2019PRESM-599	DONG-GYU AHN(Chosun University)	Methodologies of the Development of Advanced Dies with the Improved Wear Characteristics Using a Directed Energy Deposition Process	
		16:45-17:00	OS103	2019PRESM-585	Pei-Chen Su(Nanyang Technological University)	Fuel Cell and Hydrogen Technologies Research and Development in NTU	
		17:00-17:15	OS104	2019PRESM-615	Sung-Hoon Ahn(Seoul National University)	Exploration of Shape Memory Alloy (SMA) Actuators: Fast Actuation and Soft Robotic Applications	

Room #2 Hoi(3F)

Date	Topic	Time	No.	Abstract No.	Presenter	Title		
July 12 (FRI)		08:30	Registration Open - Lobby(2F), Nalod Dang Hotel					
	ORAL 6	Sustainable Technology 1 Energy monitoring & Management	09:15-09:30					
			09:30-09:45	OP115	2019PRESM-617	Eric Dimla(RMIT University)	Rejuvenation in Product Evolution	
			09:45-10:00	OP116	2019PRESM-488	Jong Man Lee(Hanbat National University)	Heating and Cooling Energy Efficiency of Standing Column Well Geothermal Heat Pump System Assisted with Heat Storage Tank	
			10:10-10:15	OP117	2019PRESM-472	Minkyong Park(Hanbat National University)	Cooling Energy Performance of AHU DAT Reset Strategy based on Outdoor Air Temperature in VAV System	
			10:15-10:30	Coffee Break				
	ORAL 7	Sustainable Technology 2 Manufacturing Technology	Invited	10:30-11:00	Invited Talk - Le Hoang Sinh (Duy Tan University)			
			11:00-11:15	OP118	2019PRESM-462	Lich Nguyen(University of Agriculture and Forestry - Hue Univesity)	An Investigation into the Effect of Spacer on Freshwater Production in Direct Contact Membrane Distillation	
			11:15-11:30	OP119	2019PRESM-520	Jungsub Lee(Korea University)	Fatigue Life Assessment of Aluminum Alloy for Scroll Compressor using Rotary Bending Fatigue Test	
			11:30-11:45	OP120	2019PRESM-477	Taekyeong Lee(Korea University)	A Design of Fluid Type Balloon Nucleus Pulposus Replacement for Human Lumbar Spine Discs Restoration	
			11:45-12:00					
		Lunch	12:00-13:00	Conference Lunch - Cat Dang (1F)				
		Plenary	13:00-13:40	Plenary Speech 2 -Nguyet Que (3F) Seung-Woo Kim (KAIST)				
			13:40-13:45	Break				
	ORAL 8	Organized Session Innovative Forming	13:45-14:00	OS050	2019PRESM-063	KIHWAN PARK(Pusan National University)	Application of SPH Numerical Method to Jointing Sheet Materials	
			14:00-14:15	OS051	2019PRESM-074	Kye-Jeong Park(Pusan National University)	Spring-Back Compensation of AHSS Parts by Robust Error Correction	
			14:15-14:30	OS052	2019PRESM-410	Mi-Rae Lim(Pusan National University)	Parametric Study on Blank Support Structure for Thick Plate Forming of Hollow-Partitioned Turbine Stator	
			14:30-14:45	OS053	2019PRESM-077	Jae-Chang Ryu(Pusan National University)	Process Design of Continuous Two Stage Roll Die Forming to Improve Dimensional Accuracy	
			14:45-15:00	OS054	2019PRESM-341	A Ra Jo(Korea Institute of Industrial Technology)	A Study on Die Design for Manufacturing Pinch Yoke of Automotive Steering System	
			15:00-15:15			Break		
			15:15-15:30	OS055	2019PRESM-076	YONG HUN JUNG(Pusan National University)	Application of Cohesive Zone Model to Prediction of Fracture at Interface In Hybrid Composite Part	
15:30-15:45			OS056	2019PRESM-372	Hyeong-gyu Park(Pusan National University)	Experimental Study on Relationship Between Microstructure Change and Flow Stress Drop of DP980 by Electro-Plastic Effect		
15:45-16:00			OS057	2019PRESM-189	DEOKSANG JO(Pusan National University)	Temperature Prediction in Friction Stir Spot Welding Using Upper Bound Analysis		
				16:15-16:30	Coffee Break			
	Poster 2	16:30-17:30	Poster Presentation 2 - Robby (3F)					
	Closing	17:50-17:50	Closing Ceremony (Awards, PRESM 2020 Announcements and Closing Remark by Conference Chair)					
	Banquet	18:00-21:00	Banquet - Regular Participants and Banquet Ticket Owners Only					

Room #3 My Son(3F)

Date	Topic	Time	No.	Abstract No.	Presenter	Title		
July 11 (THU)		08:30	Registration Open - Lobby(2F), Nalod Dang Hotel					
	ORAL 1	Micro/Nano Technology 1 <small>Micro/Nano Materials</small>	09:00-09:15					
			09:15-09:30	OP093	2019PRESM-497	Arunkumar Shanmugasundaram(Chonnam National University)	Hierarchical Nanohybrids of ZnO Hollow Spheres and Nitrogen Doped Graphitic Carbon Nitride: An Excellent Material for Hydrogen Sensing	
			09:30-09:45	OP094	2019PRESM-404	Biplab Kr Deka(Ulsan National Institute of Science and Technology)	Continuous Laser Induced Fast Synthesis of ZnO Nanostructures For Self-Powered Piezoresistive Sensors	
			09:45-10:00	OP095	2019PRESM-255	BoHung Kim(University of Ulsan)	Nanoscale Thermal Resistance at the Dissimilar Material Interface for the Additive Manufacturing	
			10:10-10:15	OP096	2019PRESM-223	Dong Hee Kang(Chonnam National University)	Enhanced Performance of Photo-Induced Electrons from Zinc Oxide on the Electrospun Fiber Based Composite Structure	
			10:15-10:30	Coffee Break				
	ORAL 2	Micro/Nano Technology 2 <small>Micro/Nano Fabrication/ Manufacturing</small>	10:30-10:45	OP097	2019PRESM-333	JeongHeon Lee(Chosun University)	Mechanical Characterization of Polymeric Thin Film Using Nano Cutting Theory	
			10:45-11:00	OP098	2019PRESM-147	Chen Zhang(Nanjing University of Aeronautics and Astronautics)	Investigation on Layered Elliptical Vibration-Assisted Cutting of Micro Groove	
			11:00-11:15	OP099	2019PRESM-365	Hyung Gyu Park(Pohang University of Science and Technology)	Nanomanufacturing and Nanofluidics of Atomically Thin Orifices of Porous Graphene	
			11:15-11:30	OP100	2019PRESM-083	Minsu Kim(Kyungpook National University)	Fabrication of Salvinia Inspired Functional Surfaces and Its Application	
			11:30-11:45	OP101	2019PRESM-230	Quang Dang Nguyen(University of Ulsan)	Nanomechanical Properties Measurements of Polymers Using AFM Probes with Different Shapes	
		Lunch	12:00-13:00	Conference Lunch - Cat Dang (1F)				
			13:00-13:10	Opening Ceremony - Ngyet Que (3F)				
		Plenary	13:10-13:50	Plenary Speech 1 -Ngyet Que (3F) *Hideki Aoyama(Keio University)				
			13:50-14:00	Break				
	ORAL 3	Micro/Nano Technology 3 <small>Micro/Nano Device and Applications</small>	Invited	14:00-14:30	Invited Talk - Low Hong Yee (Singapore University of Technology and Design)			
				14:30-14:45	OP102	2019PRESM-387	Kyeong-Hee Kang(Yonsei University)	Micro-Wear Characteristics of Thin Layered Coatings
				14:45-15:00	OP103	2019PRESM-452	Huy Hoang HUYNH(Tokyo Institute of Technology)	Proposal of a MEMS-based Cooling System Using an ECF Micropump
				15:00-15:15	OP104	2019PRESM-084	In Won Choi(Seoul National University)	Anodized Aluminum Oxide-based Rechargeable Thin-Film Fe-Air Battery with H ₂ /H ₂ O Redox Mediator
				15:15-15:30	OP105	2019PRESM-412	Minh Phung Dang(Ho Chi Minh City University of Technology and Education)	Optimal Design of a New Flexure Hinge Embedded into Compliant XY Positioning Platform for Nanoindentation Tester Using Two-Phases Optimization Approach
				15:30-15:45	OP106	2019PRESM-088	Na Kyong Kim(Chonnam National University)	Biomimetic Water Collection System by Electrospun PVDF Nanofiber and Zinc-Oxide Hierarchical Nanostructures
			15:45-16:00	Coffee Break				
ORAL 4	Organized Session System Engineering using Computational Mechanics	Invited	16:00-16:30	Invited Talk - Quoc Hung Nguyen(Vietnamese-German University)				
			16:00-16:15	OS064	2019PRESM-139	Heung Soo Kim(Dongguk University)	Damage Identification of Smart Composite Laminates Using Convolution Neural Network	
			16:15-16:30	OS065	2019PRESM-491	Jaeyoung Kang(Inha University)	Moving Mode Shape Function Approach to Asymmetric Rotating Disk Applications Under Static Loading	
			16:30-16:45	OS066	2019PRESM-349	Dogyong Yuk(Kumoh National Institute of Technology)	Robot Arm Manipulation Using Electromyogram Sensors and Inertia Measurement Unit	
			16:45-17:00	OS067	2019PRESM-200	Jaehae Lyu(Kumoh National Institute of Technology)	Simulation of Sweeping Motion with BPM and Analysis of Residual Sand by Discrete Element Method	
			17:00-17:15	OS068	2019PRESM-057	Laily Oktaviana(Kumoh National Institute of Technology)	Investigation of Ball Skidding Condition in Angular Contact Ball Bearings	

Room #3 My Son(3F)

Date	Topic	Time	No.	Abstract No.	Presenter	Title	
July 12 (FRI)		08:30	Registration Open - Lobby(2F), Nalod Dang Hotel				
	ORAL 5	Machine Tools & Systems 1	09:00-09:15				
			09:15-09:30	OP028	2019PRESM-262	Ki Hyuk Kim(Hanbat National University)	Development of Edge Control Technology for Side Shape Implementation of FCP
		Advanced Machine Tools	09:30-09:45	OP029	2019PRESM-132	Hongjin Jung(Nagoya University)	Proposal of Ultrasonic Multi-Mode Vibration Cutting for High-Efficiency Surface Texturing
			09:45-10:00	OP030	2019PRESM-069	Mu-Tian Yan(National Chin-Yi University of Technology)	Development of a Tabletop Wire-EDM Machine for Fabricating Micro Cutting Tools
			10:10-10:15	OP031	2019PRESM-543	Hwaseop Lee(Pusan National University)	Defects Detection Model with Using a Deformable Convolutional Network for Multi-Material Injection Molding Products
			10:15-10:30	Coffee Break			
	ORAL 6	Invited	10:30-11:00	Invited Talk - Cha Bum Lee (Texas A&M University)			
		Machine Tools & Systems 2	11:00-11:15	OP032	2019PRESM-538	Hong-Seok Park(University of Ulsan)	A Virtual Machining System for Tool Deflection Compensation
			11:15-11:30	OP033	2019PRESM-482	Il-Ha Park(Korea Institute of Industrial Technology)	Design Of System Architecture Based On Big Data Framework For Manufacturing Data Processing
		Smart Factory	11:30-11:45	OP034	2019PRESM-536	Sangil Lee(Pusan National University)	Goal Model for Developing Goal-Oriented Mechanism in Self-Reconfigurable Manufacturing Systems
			11:45-12:00	OP035	2019PRESM-375	Ping Chong Chua(Nanyang Technological University)	Design of Production Systems for Scheduling in Smart Factory
	Lunch	12:00-13:00	Conference Lunch - Cat Dang (1F)				
	Plenary	13:00-13:40	Plenary Speech 2 -Nguyet Que (3F) Seung-Woo Kim (KAIST)				
		13:40-13:45	Break				
	Poster 1	13:45-14:45	Poster Presentation 1 - Robby (3F)				
	ORAL 7	Machine Tools & Systems 3	15:00-15:15	OP036	2019PRESM-170	Chih-Hsing Chu(National Tsing Hua University)	Generating Continuous Tool Motions in 5-Axis CNC Flank Milling for Improving Machining Quality
			15:15-15:30	OP037	2019PRESM-474	Hye Min Choe(Korea Institute of Industrial Technology)	Industrial Internet of Service Platform for Ecosystem of Manufacturing Quality Management
		Machinery	15:30-15:45	OP038	2019PRESM-537	Kezia Amanda Kurniadi(Pusan National University)	An Integrated Decision Making Model for Configuration Selection in Reconfigurable Manufacturing System
			15:45-16:00	OP039	2019PRESM-286	Seung-Jun Shin(Hanyang University)	Designing an OPC UA Companion Model for Predictive Model Markup Language
			16:15-16:30	Coffee Break			
	Poster 2	16:30-17:30	Poster Presentation 2 - Robby (3F)				
	Closing	17:50-17:50	Closing Ceremony (Awards, PRESM 2020 Announcements and Closing Remark by Conference Chair)				
Banquet	18:00-21:00	Banquet - Regular Participants and Banquet Ticket Owners Only					

Room #4 My Khe(2F)

Date	Topic	Time	No.	Abstract No.	Presenter	Title	
July 11 (THU)		08:30	Registration Open - Lobby(2F), Nalod Dang Hotel				
	ORAL 1	Materials & Design 1 Smart Materials, Composites	09:00-09:15	OP058	2019PRESM-067	Chang-Lae Kim(Chosun University)	Thermal and Mechanical Durability of Conductive Fabrics
			09:15-09:30	OP059	2019PRESM-307	Yongbum Choi(Hiroshima University)	In-site synthesis of Al Matrix Composite Reinforce with Dispersed Al3Ni Using Porous Nickel
			09:30-09:45	OP060	2019PRESM-125	Ankita Hazarika(Ulsan National Institute of Science and Technology)	Fabrication of Woven Kevlar Fiber Composite for Personal Thermal Management
			09:45-10:00	OP061	2019PRESM-011	RAMASUBBA REDDY PALEM(Inha University)	A Self-Healable and pH-Sensitive Guar Gum Based Silver Nanocomposite Hydrogels for Wound Dressing Applications
			10:10-10:15	OP062	2019PRESM-320	Gen Sasaki(Hiroshima University)	Characterization of Short Carbon Fiber Dispersed Flame-Resistant Magnesium Alloy Composites for Practical Use
			10:15-10:30	Coffee Break			
	ORAL 2	Materials & Design 2 Tribology, Surface Engineering	10:30-10:45	OP063	2019PRESM-510	XUAN THAO DANG(Hanoi University of Industry)	Effects of Surface Roughness to Adhesion of Cr ₃ C ₂ Coating Fabricated on 16Mn Alloy Steel by a Thermal Spray Technique
			10:45-11:00	OP064	2019PRESM-445	Damhyun Kim(Sungkyunkwan University)	Prediction of Thermal Fatigue Life in Thermal Barrier Coatings on Single Crystal Cuperalloy
			11:00-11:15	OP065	2019PRESM-411	JAEGU CHOI(Sungkyunkwan University)	Effect of artificial thermal aging on high temperature fatigue lifetime in austenitic stainless steel
			11:15-11:30	OP066	2019PRESM-405	Junghan Yun(Sungkyunkwan University)	Prediction of Thermal Barrier Performance According to Thickness and Thermal Conductivity of Thermal Barrier Coating
			11:30-11:45	OP067	2019PRESM-183	Mahdi Khadem(Yonsei University)	Investigation of Multilayer Coatings for Wear Reduction
			11:45-12:00	OP068	2019PRESM-072	Auezhan Amanov(Sunmoon University)	Post-Additive Manufacturing Surface Modification Technology for Controlling Microstructure, Mechanical and Tribological Properties of Ti-6Al-4V Alloy
		Lunch	12:00-13:00	Conference Lunch - Cat Dang (1F)			
			13:00-13:10	Opening Ceremony - Nquyet Que (3F)			
		Plenary	13:10-13:50	Plenary Speech 1 -Nquyet Que (3F) *Hideki Aoyama(Keio University)			
			13:50-14:00	Break			
	ORAL 3	Materials & Design 3 Design of System and Components	14:15-14:30	OP069	2019PRESM-457	Duong Nam Nguyen(Viet Nam Maritime University)	Influence of the Deformation Process on the Microstructure and Mechanical Properties of Low Carbon Alloy Steel which Heat Treatment by TBF
			14:30-14:45	OP070	2019PRESM-282	Hwang Hun Jeong(Korea Construction Equipment Technology Institute)	A Study on Relative Stability for Poppet Type Relief Valve with Flow Force
			14:45-15:00	OP071	2019PRESM-576	SuJin Heo(Jungwon University)	Long Life Design of Pitch Bearing for Wind Turbine
			15:00-15:15	OP072	2019PRESM-473	Jaemin Kim(Korea University)	Design, Fabrication and Experimental Evaluation of Trocar Valves Under the Condition of Laparoscopic Surgery
			15:15-15:30	OP073	2019PRESM-385	Kenjiro Sugio(Hiroshima University)	Development of a Software to Quantify the Microstructures of Metals and Metal Matrix Composites
15:30-15:45			OP074	2019PRESM-545	Dietmar Letzig(Helmholtz-Zentrum Geesthacht)	Development of Innovative Magnesium Sheet via Twin Roll Casting	
		15:45-16:00	Coffee Break				
ORAL 4	Materials & Design 4 Design of System and Components	16:00-16:15	OP075	2019PRESM-295	BoKyung Hwang(Hanbat National University)	Investigation on Hysteretic Characteristics of STS304 Stainless Steel Slit Damper	
		16:15-16:30	OP076	2019PRESM-332	Jaeseong Choi(Pusan National University)	Design of Seal Structure for HFCV Cylinder Valve Considering Low Temperature	
		16:30-16:45	OP077	2019PRESM-455	Sangyu Kim(Chosun University)	Reliability Design of Submersible Multistage Coolant Pump by Comparison of Flow Simulation and Experiment	
		16:45-17:00	OP078	2019PRESM-487	Soonmoon Jung(Korea University)	Design of Pressure Control System Using Fuzzy Algorithm for Surgical Stapler	
		17:00-17:15	OP079	2019PRESM-263	Ha Thien Khieu(Chung-Ang University)	An Investigation on Pressure Drop and Transport Time Through The Pipe Hole Network in Aspirating Smoke Detection System	
		17:15-17:30	OP080	2019PRESM-476	Thu Nguyen Thi(Hanoi University of Science and Technology)	Effect of Technological and Geometrical Parameters on Formation of Radius Region at Cylindrical Product Bottom in Hydrostatic Forming	

Room #4 My Khe(2F)

Date	Topic	Time	No.	Abstract No.	Presenter	Title	
July 12 (FRI)		08:30	Registration Open - Lobby(2F), Nalod Dang Hotel				
	ORAL 5	Materials & Design 5 Design for Manufacturing	09:00-09:15	OP081	2019PRESM-107	Quoc Hung Nguyen(Vietnamese German University)	Design and Testing of a Shear-Mode Self-Power MR Damper Featuring Permanent Magnet for Washing Machine
			09:15-09:30	OP082	2019PRESM-512	Seung Gi Kim(Korea Institute of Industrial Technology)	A Study on the Design of Tuned Mass Damper Holder for Inconel 718 Machining
			09:30-09:45	OP083	2019PRESM-415	Youngseon Lee(Korea Institute of Materials Science)	Innovative Process of Automotive Parts Applied with the Yield-Ratio-Control-Steel
			09:45-10:00	OP084	2019PRESM-399	Byungwoo Moon(Sungkyunkwan University)	Life Behavior of Aged Tire Sidewall Using Non-Linear Arrhenius Equation
			10:10-10:15	OP085	2019PRESM-433	Kibum Park(Sungkyunkwan University)	A Study on Fatigue Characteristics of Hollow Valves for Automobile Engine through Simulation Fatigue Test and Finite Element Analysis
			10:15-10:30	Coffee Break			
	ORAL 6	Organized Session Precision Machinery and Related Materials	Invited	10:30-11:00	Invited Talk - Seung-Ki Moon (Nanyang Technological University)		
			11:00-11:15	OS082	2019PRESM-101	EunJung Kim(Changwon National University)	A Comparative Study on the Energy Consumption Analysis of Laser and Induction Assisted Machining
			11:15-11:30	OS083	2019PRESM-447	Keontae Park(Sungkyunkwan University)	A Study on the Specimen Shape Simulating the Plastic Zone of the Real Pipe
			11:30-11:45	OS084	2019PRESM-092	Wan-Sik Woo(Changwon National University)	A Fundamental Study on the Rough Machining and Finishing of Turbine Blade in Conventional and Laser Assisted Machining
			11:45-12:00	OS085	2019PRESM-138	Won-jung Oh(Changwon National University)	A Study on the Laser Power and Specific Cutting Energy in Laser Assisted Machining
		Lunch	12:00-13:00	Conference Lunch - Cat Dang (1F)			
		Plenary	13:00-13:40	Plenary Speech 2 -Nguyet Que (3F) Seung-Woo Kim (KAIST)			
			13:40-13:45	Break			
		Poster 1	13:45-14:45	Poster Presentation 1 - Robby (3F)			
	ORAL 7	Materials & Design 6 Design for Manufacturing	14:45-15:00	OP086	2019PRESM-531	Long Hoang(Hanoi University of Science and Technology)	A New Flexible Solid 3D Model Reconstruction System for Mechanical CAD / CAM Systems
			15:00-15:15	OP087	2019PRESM-441	Hien Dinh(The University of Military Science and Technology)	Effect of Deformation and Dual Phase Treatment on Mechanical Properties of a Low Carbon Steel
			15:15-15:30	OP088	2019PRESM-507	JINJAE KIM(Kyungpook National University)	Prediction of Hole-Expansion Test for DP980 Based on a Non-Associated Flow Rule
			15:30-15:45	OP089	2019PRESM-289	Kieu-Anh Dinh(University of Ulsan)	The Effect of Pre-Strain and Subsequent Electrically Assisted Annealing on the Mechanical Behavior of Aluminum Alloy
			15:45-16:00	OP090	2019PRESM-414	Jaehyeong Yu(Seoul National University of Science and Technology)	Analysis of Creep Behavior of Magnesium Alloy Sheet(AZ31b) in Warm Tensile Test
			16:00-16:15	OP091	2019PRESM-426	Keekeun Kim(Sungkyunkwan University)	Study on the Change of Mechanical Properties of Suspension Porcelain Insulator Due to Field Aging
			16:15-16:30	OP092	2019PRESM-038	Hai Le Van(Inha University)	Properties of Nanocellulose/Mmicro-Nanochitosan Green Composites for Food Packaging Application
		16:15-16:30	Coffee Break				
	Poster 2	16:30-17:30	Poster Presentation 2 - Robby (3F)				
	Closing	17:50-17:50	Closing Ceremony (Awards, PRESM 2020 Announcements and Closing Remark by Conference Chair)				
	Banquet	18:00-21:00	Banquet - Regular Participants and Banquet Ticket Owners Only				

Room #5 Cham 1(2F)

Date		Topic	Time	No.	Abstract No.	Presenter	Title
July 11 (THU)			08:30		Registration Open - Lobby(2F), Nalod Dang Hotel		
	ORAL 1	Organized Session Korea-Germany Intelligent Manufacturing Systems 1	09:00-09:15	OS025	2019PRESM-403	Tae Hun Lee(Fraunhofer Institute for Production Technology IPT)	Evaluation of Industry 4.0 Data Formats for Digital Twins of Optical Components
			09:30-09:45	OS026	2019PRESM-379	Daenyong Kim(Seoul National University)	Effect of Kerosene Supply Condition on Machining Performance in Micro-EDM of AlN
			09:45-10:00	OS027	2019PRESM-253	Yingjun Quan(Seoul National University)	Large Stretchable Structural Color Based Strain Sensor Using Nanoimprinting with Focused Ion Beam Nanopatterning Process
			10:10-10:15	OS028	2019PRESM-327	Hyesung Lee(Seoul National University)	Microscale Shape Memory Alloy Actuators with Meta-surfaces of Diffraction Grating
			10:10-10:15	OS029	2019PRESM-123	Hyunsu Lee(Seoul National University)	Failure Detection for FDM Process Using Webcam and Machine Learning
			10:15-10:30		Coffee Break		
	ORAL 2	Organized Session Korea-Germany Intelligent Manufacturing Systems 2	Invied	10:30-11:00	Invited Talk - Matthias Brockmann (RWTH Aachen University)		
			11:00-11:15	OS030	2019PRESM-240	Yunhan Kim(Seoul National University)	Vibration-Based Fault Detection of a Gearbox in an Industrial Robot Using Improved Time Domain Averaging
			11:15-11:30	OS031	2019PRESM-100	Melanie Buchsbaum(RWTH AACHEN University)	Integrated Safety-Network in the Internet of Production
			11:30-11:45	OS032	2019PRESM-023	Soo-Hong Min(Seoul National University)	Highly Sensitive and Stretchable Strain Sensors Printing using Aerodynamically Focused Nanomaterials (AFN) Printer
			11:45-12:00	OS033	2019PRESM-331	Sangmin Bang(Seoul National University)	Data Augmentation of Sewing Machine Data for Task Recognition Using Convolutional Neural Network
		Lunch	12:00-13:00	Conference Lunch - Cat Dang (1F)			
			13:00-13:10	Opening Ceremony - Nquyet Que (3F)			
		Plenary	13:10-13:50	Plenary Speech 1 -Nguyet Que (3F) *Hideki Aoyama(Keio University)			
			13:50-14:00	Break			
	ORAL 3	Automation, Measurement & Control 1 Measurement Systems	14:15-14:30	OP040	2019PRESM-604	Jae-chul Lee(Gyeongsang National University)	Development of the Quality Control System – Equipment for Dimensional Measurement with Using Mixed reality technique
			14:30-14:45	OP041	2019PRESM-614	Eric Dimla(RMIT University)	Developments in Laser Range Sensors to Improve Precision of High Speed, Continuous Motion Manufacturing Systems
			14:45-15:00	OP042	2019PRESM-398	Ki-Nam Joo(Chosun University)	Direct Instantaneous 2-D Imaging for Photoacoustic Waves by Ultrashort Single Pulse Interferometry
			15:00-15:15	OP043	2019PRESM-400	YONGSEOP KWON(Korea Insititue Of Robot And Convergence)	Development of Integrated Embedded System of In-Pipe Robot and Sensor System for Precise Diagnosis by Non-Destruction of Large-Water Supply Pipe
			15:15-15:30	OP044	2019PRESM-026	ZHENGCHUN DU(Shanghai Jiao Tong University)	Volumetric Error Modelling and Compensation for Batch of Vertical Machining Centers Based on Sensitivity Analysis
			15:30-15:45	OP045	2019PRESM-306	Kyung-min Lee(Chungnam National University)	Real Time Error Compensation of a Dual Absolute Encoder System for Improved Accuracy and Extended Measuring Range
			15:45-16:00	Coffee Break			
	ORAL 4	Automation, Measurement & Control 2 Automation	16:00-16:15	OP046	2019PRESM-460	Eric Dimla(RMIT University)	Motordrive Design for Sustainable Automated Warehouse System
			16:15-16:30	OP047	2019PRESM-131	Binayak Bhandari(Woosong University)	Automated Solid Model Generation by Integrating Computer Vision and CAD
			16:30-16:45	OP048	2019PRESM-126	Dae Jhoong Yun(Pusan National University)	Study on Compensation and Temperature Characteristic of Pressure Sensor Using Diaphragm
			16:45-17:00	OP049	2019PRESM-357	Kyunghyun Kim(Seoul National University)	Energy-Efficient Vehicle Driving on Urban Road with Traffic Signal Information
17:00-17:15			OP050	2019PRESM-595	Sangjin Maeng(University of Wisconsin-Madison)	Work Coordinate Setup Using Electrical Breakdown in Ultra-Precision Machining	
17:15-17:30			OP051	2019PRESM-275	Jihun Kim(Handong University)	Quantitative Analysis on Upper Limb Spasticity of Children with Cerebral Palsy Using a Dual-mode Cycling Robot	
17:30-17:45			OP052	2019PRESM-440	Thang Duong Nhat(NAL Vietnam JSC)	Deep Regression for Precise Geometric Dimension Measurement	

Room #5 Cham 1(2F)

Date	Topic	Time	No.	Abstract No.	Presenter	Title	
July 12 (FRI)		08:30		Registration Open - Lobby(2F), Nalod Dang Hotel			
	ORAL 5	Automation, Measurement & Control 3 System Control	09:00-09:15	OP053	2019PRESM-025	Ming Deng(Shanghai Jiao Tong University)	Invariant-Based Method for Axis Motion Accuracy Evaluation of CNC Machine Tools
			09:15-09:30	OP054	2019PRESM-549	Hai Dung Dinh(Vietnamese German University)	A Transportation Optimization Model for Solving the Single Delivery Truck Routing Problem with the Alldifferent Constraint in MS Excel
			09:30-09:45	OP055	2019PRESM-014	Ho Seong Lee(Gyeongsang National University)	Advances in Servo Track Writing Technologies
			09:45-10:00	OP056	2019PRESM-256	Kyung-Chan Jin(Korea Institute of Industrial Technology)	Cleaning Map Implementation Using Inference Engine in Floor Cleaning Robot
			10:10-10:15	OP057	2019PRESM-050	Gyeong Hak Lee(Hanbat National University)	Design of Fuzzy Speed Controller for BLDC Motor : A Guaranteed Cost Control Approach
			10:15-10:30		Coffee Break		
	ORAL 6	New and Renewable Energy 1 Battery / Fuel cell / solar cell	Invited	10:30-11:00	Invited Talk - Chunhua Zheng (Shenzhen Institutes of Advanced Technology)		
			11:00-11:15	OP107	2019PRESM-021	CHEOL KIM(Kyungpook National University)	Development of a Analytical Model to Predict the Effective Modulus of a Si Electrode in Li-ion Batteries
			11:15-11:30	OP108	2019PRESM-009	Dong Hyup Jeon(Dongguk University)	Liquid Water Transport Simulation in a GDL of PEMFC Using LBM
			11:30-11:45	OP109	2019PRESM-027	Dong-Youn Shin(Pukyong National University)	Fabrication of Solar Modules by Direct Layup Process of Solar Cells
			11:45-12:00				
		Lunch	12:00-13:00		Conference Lunch - Cat Dang (1F)		
		Plenary	13:00-13:40		Plenary Speech 2 -Nguyet Que (3F) Seung-Woo Kim (KAIST)		
			13:40-13:45		Break		
		Poster 1	13:45-14:45		Poster Presentation 1 - Robby (3F)		
	ORAL 7	New and Renewable Energy 2 Wind/ Hydro and Other Energy	15:00-15:15	OP110	2019PRESM-416	Van Lam PHAM(Ho Chi Minh City University of Technology)	Aerodynamic Shape Optimization of Small Size Wind Turbine Blades Using DAKOTA – Genetic Algorithm
15:15-15:30			OP111	2019PRESM-394	Wen Tong Chong(University of Malaya)	The Design, Simulation and Testing of an Omni-Direction Deflector for Vertical Axis Wind Turbine	
15:30-15:45			OP112	2019PRESM-080	Liang Jun Zheng(Chonnam National University)	Experimental Investigation of the Influence of the Relatively Humidity on Water Film Evaporative Cooling Thermoelectric Device	
15:45-16:00			OP113	2019PRESM-178	Ting Chen(Korea University of Science and Technology)	Empirical Correlation Development of EEV Mass Flow Rate in a Refrigeration System	
16:00-16:15			OP114	2019PRESM-586	Woochul Nam(Chung-Ang University)	Effects of Stochastic Soil Variability on the Dynamic Behavior of Offshore Wind Turbines	
		16:15-16:30		Coffee Break			
	Poster 2	16:30-17:30		Poster Presentation 2 - Robby (3F)			
	Closing	17:50-17:50		Closing Ceremony (Awards, PRESM 2020 Announcements and Closing Remark by Conference Chair)			
	Banquet	18:00-21:00		Banquet - Regular Participants and Banquet Ticket Owners Only			