

HPC 2020 Day 1

Date/Time				Tuesday, April 27, 2021		
Session Room			Room A	Room B	Room C	
KST (UTC+9)	EDT (UTC-4)	CEST (UTC+2)				
08:30~ 09:00	19:30~ 20:00	01:30~ 02:00	Registration			
Opening Ceremony 09:00~09:20 (KST)						
Welcome Address (Stephan Renz/IEA HPT TCP Chair) / Opening Remark (Min Soo Kim/NOC Chair, President of SAREK/Korea)						
Plenary Lecture 1 (Policy and market) 09:20~10:35 (KST)						
Plenary Lecture 1-1 Heat Pumping Technologies in Clean Energy Transitions (Mechtild Worsdorfer / Director for Sustainability, Technology and Outlooks / IEA)						
Plenary Lecture 1-2 The European Legal Framework is Well Set for a Massive Roll-out of Heat Pumps - but More Efforts are Needed! (Martin Forsen/President of EHPA (European Heat Pump Association))						
Plenary Lecture 1-3 Korean Policy for Green World and Heat Pumping Technologies (Min Soo Kim/NOC Chair, President of SAREK/Korea)						
Coffee Break and Poster Session 10:35~10:45 (KST)						
Plenary Lecture 2 (Technology) 10:45~12:00 (KST)						
Plenary Lecture 2-1 Heat Pump System Technology Trend (Saikie Oh/Vice President of LG Electronics/Korea)						
Plenary Lecture 2-2 Ensuring a Safe Refrigerant Transition (Xudong Wang/Vice President of AHRI/US)						
Plenary Lecture 2-3 Clean and Safe Air by HVAC systems – Laws and Advanced Technologies in Japan (Noboru Kagawa/Professor of National Defense Academy/Japan)						
Lunch, Poster Session and Exhibition 12:00~13:00 (KST)						
Session 1 : 13:00~14:20 (KST)						
Low GWP Refrigerants (1) - Natural		Air Conditioning and Cooling		Heat Pump Applications		
Keynote (135) Bin Hu Shanghai Jiao Tong University		Keynote Air-Conditioning and Cooling Government of India		Keynote (240) Gilbong Lee Korea Institute of Energy Research		
(117) Yu-Jia He Tongji University		(113) Jae Yeon Kim Hyundai Motors / Sungkyunkwan University		(180) Tommy Walfridson RISE AB		
(297) Takaoki Suzuki Waseda University		(120) Tae Jin Park Korea Advanced Institution Technology		(343) Takenobu Kaida Central Reseach Institute of Electric Power Industry		
(170) Valentin Salgado Fuentes Technical University of Denmark		(245) Inguk Hwang Hanonsystems		(134) Ivan Malenkovic Fraunhofer Institute for Solar Thermal Systems (ISE)		
(172) Manuel Verdnik Graz University of Technology		(262) Dae Bok Keon Hanon System		(65) Hafiz Ali Muhammad University of Science and Technology		
Coffee Break and Poster Session 14:20~14:40 (KST)						
Session 2 : 14:40~16:00 (KST)						
Market and Policy for Heat Pumps (1)		Acoustic Signatures of Heat Pumps		Space and Hot Water Heat Pumps		
Keynote (267) Thomas Nowak European Heat Pump Association aisbl		Keynote (192) Gerwin Drexler-Schmid Austrian Institute of Technology		Keynote (79) Emilio Navarro-Peris Universidad Politecnica de Valencia		
(150) Cate Lyon Delta Energy & Environment		(68) Christian Vering RWTH Aachen University		(59) Cordin Arpagaus NTB University of Applied Sciences and Technology Buchs		
(238) Martin Forsen International Affairs		(160) François BESSAC CETIAT		(255) Simon Callegari University of Geneva		
(164) Jussi Hirvonen Finnish Heat Pump Association SULPU ry		(88) Christoph Reichl AIT Austrian Institute of Technology		(273) Elliot Romano University of Geneva		
(352) Therese Guttmann Austrian Institute of Technology		(184) Ola Gustafsson RISE Research Institutes of Sweden		(270) Carolina Fraga Services Industriels de Geneve		
Break 16:00~16:10 (KST)						
Session 3 : 16:10~17:45 (KST)						
Low GWP Refrigerants (2)		Heat Pump Analysis - components and cycles		New Heat Pump Technologies		
Keynote The low-GWP refrigerant challenge IIR Director		Keynote (67) Mirza Popovac Austrian Institute of Technology		Keynote (100) Andreas Längauer Simulation Engineering		
(247) Laure Meijac NIBE		(310) Malick Kane Institute of Energy		(272) Edward Lucas Lucerne University of Applied Sciences and Arts		
(141) Kenneth Hoffmann PTC refrigeration processes		(108) Emilio Navarro-Peris Universidad Politecnica de Valencia		(229) Melanie Cop BITZER-Chair of Refrigeration, Cryogenics and Compressor Technology		
(198) Sarah Kim Arkema		(50) Hai Trieu Phan French Atomic Energy and Alternative Energy Commission CEA		(163) Ryoosuke Suemitsu Mitsubishi Heavy Industries Thermal Systems, Ltd.		
(214) Nils Meinhardt Underwriters Laboratories		(193) Philipp Wagner Graz University of Technology		(239) Daniel Steger Friedrich-Alexander-Universität Erlangen-Nürnberg		
(136) Sergio Maria Capanelli Carel Industries Spa		(179) Laura Maier RWTH Aachen University				