

Scientific Program

Tuesday, October 26, 14:00-16:10

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
<p>Integrated Computer-Aided Process Engineering I (14:00-16:10)</p> <p>Chair : Hyunjoo Choi (Kookmin Univ)</p> <p>SA01 Pil-Ryung Cha SA02 Won Tae Kim SA03 Heung Nam Han SA04 Ji Hoon Kim SA05 Hyo-Sun Jang</p>	<p>Linking Basic Knowledge and Industrialization Technology I (14:30-16:00)</p> <p>Chair : Young In Lee (SEOULTECH)</p> <p>SB01(I) Hyo-Ryoung Lim SB02(I) Bin Lee SB03(I) Jin Gyeong Park</p>	-	-

Tuesday, October 26, 16:10-17:50

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
<p>Integrated Computer-Aided Process Engineering II (16:20-17:50)</p> <p>Chair : Kyoungdoc Kim (POSTECH)</p> <p>SA06 Yongwoo Kwon SA07 Kunok Chang SA08 Kyoungdoc Kim</p>	<p>Linking Basic Knowledge and Industrialization Technology II (16:10-17:30)</p> <p>Chair : Jongmin Byun (SEOULTECH)</p> <p>SB04 Sang-Gyu Kim SB05 Myeong Jun Jung SB06 Myeongjun Ji SB07 Hojun Lee</p>	-	-

Wednesday, October 27, 09:00-10:30

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
Integrated Computer-Aided Process Engineering III (09:30-10:30)	Advanced Functional Materials I (09:00-10:20)	Powder Materials Processing I (09:00-10:00)	High Performance Structural Materials I (09:00-10:20)
Chair : YongJoo Kim (Kookmin Univ.)	Chair : Bin Lee (KITECH)	Chair : Ji Woon Lee (Kongju Natl Univ)	Chair :)
SA09 Jaewook Nam SA10 Hyo-Jong Lee	SB08 Min Seob Lim SB09 Kyoungho Song SB10 Han Kim SB11 Jaeseok Roh	SC01 M. W. Khalid SC02 Sujung Son SC03 So-Yeon Park	SD01 Cheol Hong Hwang SD02 Eun Seong Kim SD03 Jung-Hyun Park SD04 N. T.-C. Nguyen

Wednesday, October 27, 10:30-12:00

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
Integrated Computer-Aided Process Engineering IV (10:45-11:45)	Advanced Functional Materials II (10:30-12:00)	Powder Materials Processing II & Powder Injection Molding (10:10-11:30)	High Performance Structural Materials II & Biomaterials (10:30-12:00)
Chair : Jaewook Nam (Seoul Natl. Univ.)	Chair :	Chair :	Chair :
SA11 Kyung Hyun Ahn SA12 Jung-Keun Yoo	SB12(K) Hojin Ryu SB13 Seong-Beum Kim SB14 Soung Yeoul Ahn SB15 Hyun Ah Im	SC04 Min-Sun Jang SC05 SeungHyeok Chung SC06 Ashutosh Sharma SC07 Jin Wook Park	Keynote Lecture SD-K1 J. Matsushita SD05 Seongwon Kim SD06 Seong Lee SD07 A. Muhammad

Wednesday, October 27, 13:00-15:30

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
Additive Manufacturing of Functional Materials I (13:30-15:30)	Recycling and Industrial Technology of Rare Metals I (13:30-15:20)	Artificial Intelligence in Materials and Manufacturing I (13:30-14:50)	Advanced Powder Processing and Applications I (13:00-15:00)
Chair : Ji-Hun Yu (KIMS) Hak Sung Lee (KIMS)	Chair : Seok-Jun Seo (KITECH)	Chair :	Chair :
SA13 Min Cheol Kang SA14 M. Brochu SA15 Joon Phil Choi SA16 C. Aranas Jr.	SB16 Maengkyo Oh SB17 Dongju Lee SB18 Jungshin Kang SB19 Sang Hoon Choi	SC08 Hyoung Seop Kim SC09 Kee-Sun Sohn SC10 Ho-Young Hwang SC11 Jun Ho Hong	Keynote Lecture SD-K2 C. Suryanarayana SD08 Taek-Soo Kim SD09 Paul Kim SD10 J. M. Torralba

Wednesday, October 27, 15:00-18:00

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
		Artificial Intelligence in Materials and Manufacturing II (15:00- 16:20)	
<p>Additive Manufacturing of Functional Materials II (15:40-17:50)</p> <p>Chair : Kee-Ahn Lee (Inha Univ) Suk-Hoon Kang (KAERI)</p> <p>SA17 Kyung Tae Kim SA18 Seung Ki Moon SA19 Chang-Jun Bae SA20 Siwon Yu</p>	<p style="text-align: center;">Recycling and Industrial Technology of Rare Metals II (15:40-17:40)</p> <p>Chair : Dongju Lee (Chungbuk Natl. Univ.)</p> <p>SB20(I) Gian Song SB21 Jeoung Han Kim SB22 Seok-Jun Seo SB23 Kyoung-Tae Park</p>	<p>Chair :</p> <p>SC12 Seok-Jae Lee SC13 Dong-Eung Kim SC14 Jungjoon Kim SC15 Min-Woo Lee</p> <p style="text-align: center;">Advanced Functional Materials III (16:30-18:00)</p> <p>Chair : Bin Lee (KITECH)</p> <p>SC-K1 Takafumi Kusunose SC-K2 Tohru Sekino SC-K3 Tadachika Nakayama</p>	<p style="text-align: center;">Advanced Powder Processing and Applications II (15:10-17:40)</p> <p>Chair :</p> <p>SD11 Dae Hyun Kim SD12 Hong Mul Kim SD13 Jae Young Cho SD14 Ji Woon Lee SD15 Duk Hee Lee</p>

Thursday, October 28, 09:00-10:20

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
Advanced Functional Materials IV (09:00-10:20)	Rare Earth and Energy Materials I (09:00-10:00)	Process and Characterization of Powder Materials I (09:00-09:45)	Presentation Competition for Shinhan Diamond Award I (09:00-10:15)
Chair :	Chair :	Chair :	Chair :
SA21 Youn-Kyoung Baek SA22 Hayeol Kim SA23 Soo Jin Kim SA24 Subong An	SB24 Sung Gue Heo SB25 Jae-Gyeong Yoo SB26 Namhun Kwon	SC16 Peyman A. Rad SC17 Tae-Shik Yoon SC18 Ju Yong Kim	SD16 Myungsuk Kim SD17 Young Jae Hwang SD18 Seung Jun Han SD19 Tae Wan Ko SD20 Jung-Uk Lee

Thursday, October 28, 10:00-11:40

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
Advanced Functional Materials V (10:30-11:50)	Rare Earth and Energy Materials II (10:10-10:50)	Process and Characterization of Powder Materials II (09:55-10:40)	Presentation Competition for Shinhan Diamond Award II (10:25-11:40)
Chair : Hyunjoo Choi (Kookmin Univ)	Chair : Myung Seok Song (KITECH)	Chair : Jae Bok Seol (Gyeongsang Natl. Univ)	Chair : Young Keun Jeong (Pusan Natl. Univ)
SA25 R. Kreethi SA26 Ji Young Park SA27 Jinmyeong Seo SA28 Taeju Bak	SB27 Hyunchul Kim SB28 Kyoung-Hoon Bae	SC19 Jung Woo Nam SC20 Yu-Jin Hwang SC21 Dong-Geun Lee	SD21 Gyung Bae Bang SD22 Woo Jin Lee SD23 Hye-Min Park SD24 Seung-Hwan Lee SD25 Jaesoung Lee

Thursday, October 28, 13:00-13:40

Diamond Hall
Plenary Lecture
Chair :
Dr. Jung-Hwan Lee (KIMS)

Thursday, October 28, 13:40-14:10

Diamond Hall
Keynote Lecture
Chair :
Dr. Chang Seob Shim

Thursday, October 28, 14:20-16:20

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
<p>Porous Materials I (14:20-15:50)</p> <p>Chair : Man Sik Kong (IAE)</p> <p>SA29(I) Gunnar Walther SA30 Kee-Ahn Lee SA31(I) In-Hyuck Song</p>	<p>Nanoscale Materials and Coating I (14:50-15:50)</p> <p>Chair : Tae Joo Park (Hanyang Univ)</p> <p>SB29 Hong-Ping Ma SB30 Yuhang Liu SB31 Se-Hun Kwon</p>	<p>Display Target I (14:20-16:00)</p> <p>Chair :</p> <p>SC22 Jinkyu Lee SC23 Seong-Ho Ha SC24 Young-Kyun Kim SC25 Junseock Park SC26 Jin-Ju Choi</p>	<p>K-Powder Materials Innovation (14:20-16:20)</p> <p>Chair : Sangsun Yang (KIMS)</p> <p>SD26 Seung-Min Yang SD27 Hye Young Koo SD28 Gook-Hyun Ha SD29 Tae Hoon Kim SD30 Young-Tae Kwon SD31 Ji Young Byun</p>

Thursday, October 28, 16:00-18:00

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
<p>Porous Materials II (16:00-17:30)</p> <p>Chair : In Sung Lee (E&KOA)</p> <p>SA32 Hyung-Tae Lim SA33 Boyun Jang SA34 Haewon Seo</p>	<p>Nanoscale Materials and Coating II (16:00-17:30)</p> <p>Chair : Byung Joon Choi (SEOULTECH)</p> <p>SB32 Seong Keun Kim SB33 Woo-Hee Kim SB34 Ji-Hoon Ahn</p>	<p>Display Target II (16:10-17:30)</p> <p>Chair :</p> <p>SC27 Seungkook Bang SC28 Goo Won Noh SC29 Chun Woong Park SC30 Chan-Jae Lee</p>	<p>Functional Materials (16:30-18:00)</p> <p>Chair :</p> <p>SD32 Jeong Pyo Lee SD33 Yeong Gyun Nam SD34 Gwang Deok Choi SD35 Dahee Park SD36 Soo Ho Jung SD37 Jin Gyu Lee</p>

Friday, October 29, 09:30-10:30

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
Powder Materials Processing III (09:30-10:30)	Advanced Functional Materials VI (09:30-10:30)	Sintered Materials (09:30-10:15)	
Chair :	Chair : Sangsun Yang (KIMS)	Chair :	
SA35 Hyeongwoo Lee	SB35 Gwang-Myeong Go	SC31 Kyomin Kim	
SA36 Yong Su Cho	SB36 Hyung Jin Mun	SC32 Ki Hyuk Kwon	
SA37 Mi Se Chang	SB37 Byungkwon Jang	SC33 Eung Ryul Baek	

Friday, October 29, 10:25-11:40

Diamond Hall	Emerald Hall	Ruby Hall	Sapphire Hall
Powder Materials Processing IV (10:40-11:20)	Advanced Functional Materials VII (10:40-11:40)	Characterization and Modeling (10:25-11:25)	
Chair : Myung Seok Song (KITECH)	Chair :	Chair :	
SA38 Haishan Shen	SB38 Hong Baek Cho	SC34 Seobin Park	
SA39 Babu Madavali	SB39 Eunhyeok Seo	SC35 Young Tak Koo	
	SB40 Bayaraa Sukhbaatar	SC36 Taekyeong Kim	