



10th China-Korea Joint Symposium on Advanced Steel Technology

**Oct. 21, 2018 – Oct.23 2018
Gucun Park Hotel, Shanghai, China**

FINAL PROGRAM

- ◆ **Jointly organized by Chinese Society for Metals (CSM) and Korean Institute of Metals and Materials (KIM)**
- ◆ **Hosted by State Key Laboratory of Advanced Special Steel, Shanghai University**



Symposium Agenda

Date	Time	Schedule	Location
October 21th	14:00~21:00	Registration	Gucun Park Hotel, Shanghai
	18:00~20:00	Welcome Party	Buffet-Western Dinning Hall, Gucun Park Hotel,
October 22th	08:30~08:55	Opening Ceremony	Kaixuan Hall
	08:55~09:00	Group Photo	Gate of Gucun Park Hotel
	09:00~12:30	Session 1 & 2	Kaixuan Hall
	12:30~13:30	Lunch	Baihe Hall
	13:30~17:35	Session 3 & 4	Kaixuan Hall
	18:00~20:00	Banquet	Baihe Hall
October 23th	08:30~12:00	Session 5 & 6	Kaixuan Hall
	12:00~12:10	Closing Remarks	Kaixuan Hall
	13:30~18:00	Tour	Shanghai Center Tower Yuyuan Garden
	18:00~20:30	Dinner	Cruising on the Huangpu River
	21:00		Back to Hotel

Symposium Schedule

Monday, October 22th, 2018

Location: Kaixuan Hall, Gucun Park Hotel

Welcoming Address <i>Chair: Prof. Xinhua WANG</i>	
08:30-08:35	Prof. Zhongming REN <i>Symposium Co-Chair, Shanghai University, China</i>
08:35-08:40	Prof. Jong Jin PAK <i>Symposium Co-Chair, Hanyang University, Korea</i>
Congratulatory Address <i>Chair: Prof. Xinhua WANG</i>	
08:40-08:45	Prof. Minghong WU <i>Vice President of Shanghai University, China</i>
08:45-08:50	Dr. Pei ZHAO <i>Vice President of CSM, China</i>
08:50-08:55	Dr. Kyung Tae HONG <i>President of KIM, Korea</i>
08:55-09:00	Group Photo at Hotel Gate
Session 1 <i>Chinese Chair: Prof. Zhongming REN Korean Chair: Prof. Jeong Whan HAN (Inha University)</i>	
09:00-09:45	[Key Note] Strong Potential of Commercialized High Mn Steel Products and Process for Various Applications <i>Dr. Seong-yeon KIM, POSCO, Korea</i>
09:40-10:05	Application and practice of synergistic control technology of sulfur and nitrate pollutants in HBIS <i>Dr. Changjiang HOU, HBIS Group Technology Research Institute, China</i>
10:05-10:30	Improving Sintering Performance by the Selective Granulation of High Al₂O₃ Iron Ore and Ultrafine Iron Ore <i>Dr. Seung-wan KIM, POSCO, Korea</i>
10:30-10:50	Coffee Break
Session 2 <i>Chinese Chair: Prof. Zhancheng GUO Korean Chair: Dr. Seung-wan KIM (POSCO)</i>	
10:50-11:15	Smelting Reduction for Hot-metal Production and Coal Gasification <i>Prof. Zongshu ZOU, Northeastern University, China</i>
11:15-11:40	Melting Initiation and Dropping Characteristics in Blast Furnace with Enhancement of Ore Burden Reducibility <i>Dr. Wan-ho KIM, POSCO, Korea</i>
11:40-12:05	Research of Steel Manufactory Process-oriented Poly-generation System and Its Energy Saving & Emission Reduction Effect <i>Dr. Xiuping LI, Central Iron & Steel Research Institute, China</i>
12:05-12:30	Effect of Carbonization Conditions on Coke Qualities <i>Dr. Ju Hee CHOI, Hyundai Steel, Korea</i>
12:30-13:30	Lunch-at Baihe Hall, Gucun Park Hotel
Session 3 <i>Chinese Chair: Prof. Anjun XU Korean Chair: Prof. Joohyun Park (Hanyang University)</i>	
13:30-13:55	Effect of Pressure on Solidification Structure in Nitrogen-Containing Steel Ingot <i>Prof. Zhouhua JIANG, Northeastern University, China</i>
13:55-14:20	Unraveling the critical microstructures to determine the impact toughness of medium Mn steel with triplex phase <i>Prof. Jeongho HAN, Chungnam Notional University, Korea</i>
14:20-14:45	The Recent Development on Application of Electromagnetic Field in Refining and Continuous Casting Process of Steel <i>Prof. Yunbo ZHONG, Shanghai University, China</i>
14:45-15:10	Experimental Investigation and Phase Diagram of CoCrMnNiFe System Bridging High-Entropy Alloys and High-Alloyed Steels <i>Prof. Nokeun PARK, Yeungnam University, Korea</i>
15:10-15:30	Coffee Break
Session 4 <i>Chinese Chair: Prof. Zhouhua JIANG Korean Chair: Prof. Yongsug CHUNG (Korea Polytechnic University)</i>	
15:30-15:55	A Model for Scrap Melting in De-P BOF <i>Prof. Anjun XU, University of Science & Technology Beijing, China</i>
15:55-16:20	Optimization of EAF process charging Hot-Metal for special steel <i>Dr. Jong-Deok KIM, Hyundai Steel, Korea</i>
16:20-16:45	Separation of Fine Inclusion from Liquid Steel under Super Gravity <i>Prof. Zhancheng GUO, University of Science & Technology Beijing, China</i>
16:45-17:10	Experimental Study on DRI Production by Both of Composite Carbon and Gas Reduction <i>Prof. Youngjo KANG, Dong-A University, Korea</i>

17:10-17:35	Progresses of Continuous Casting Technology Development at Shougang Group <i>Dr. Chenxi JI, Research Institute of Technology, Shougang Group Co., Ltd, China</i>
18:00-20:00	Banquet, Baihe Hall, Gucun Park Hotel

Tuesday, October 23th, 2018

Location: Kaixuan Hall, Gucun Park Hotel

Session 5 <i>Chinese Chair: Prof. Li WANG Korean Chair: Dr. Yong-hee KIM (Hyundai Steel)</i>	
08:30-09:10	[Key Note] Solidification and Inclusion Characteristics of High Manganese Steel <i>Prof. Jian YANG, Shanghai University, China</i>
09:10-09:35	Improvement of Bloom Longitudinal Surface Crack through SEN Design Optimization <i>Dr. Jong-Dae SHIN, Hyundai Steel, Korea</i>
09:35-10:00	Research on Inclusion Control in High Grade Gear Steel <i>Dr. Zhaoping CHEN, Baoshan Iron & Steel Co., Ltd., China</i>
10:00-10:25	A study on the utilization of slag as high value added resources <i>Dr. Eun Jin JUNG, RIST, Korea</i>
10:25-10:45	Coffee Break
Session 6 <i>Chinese Chair: Prof. Jian YANG Korean Chair: Prof. Nokeun PARK (Yeungnam Univ)</i>	
10:45-11:10	Microstructures And Mechanical Properties Of Cold-Rolled Interstitial-Free Steel After Flash Processes <i>Prof. Haiwen LUO, University of Science & Technology Beijing, China</i>
11:10-11:35	Hyper-connected Research and Education System for Future Society - Center for Research and Education of Metallurgy <i>Prof. Joonho LEE, Korea University, Korea</i>
11:35-12:00	Recent Progress of Development and Application of the New Gen. AHSS in Baosteel <i>Dr. Li WANG, Baoshan Iron & Steel Co., Ltd., China</i>
Closing Remarks	
12:00-12:05	Prof. Xinhua WANG <i>University of Science & Technology Beijing, China</i>
12:05-12:10	Prof. Jong Jin PAK <i>Hanyang University, Korea</i>
12:10-13:00	Lunch-at Baihe Hall, Gucun Park Hotel
Tour	
13:30-15:30	Shanghai Center Tower
15:30-18:00	Yuyuan Garden
18:00-20:30	Dinner-Cruising on the Huangpu River
21:00	Back to Hotel