Tentative Schedule

4 September 2016
16:00 Registration
18:00 Welcome party

5 September 2016
8:00 Registration
9:00 Opening address

Tetsuya Nagasaka, Tohoku University, Japan
Xinhua Wang, University of Science and Technology Beijing, China

9:10 Progress and future prospects of steelmaking technologies in JFE Steel [Keynote]
Yuji Miki, JFE Steel, Japan

9:35 SGJT-Newly Constructed Integrated Steelworks in Bohai Gulf
Guosen Zhu, Shougang Jingtang United Iron and Steel, China

10:00 Gas permeability in blast furnace under low carbon rate operation
Shigeru Ueda, Tohoku University, Japan

10:25 Current Status and Prospects of Chinese Ironmaking Industry
Jianliang Zhang, University of Science and Technology Beijing, China

10:50-11:10 Coffee break

11:10 Improvement of Sintering Speed by Adding Return Fine to Granulated Raw Materials before Charging Sintering Machine
Masaru Matsumura, Nippon Steel Sumitomo Metal, Japan

11:35 The Economic Evaluation and Optimization of Raw Materials for Ironmaking
Tao Jiang, Central South University, China

12:00-13:30 Lunch

13:30 Energy saving of the ironmaking process based on the oxygen blast furnace
Koichi Takahashi, JFE Steel, Japan

13:55 Optimization of interface material flow operation of BF-BOF section
LI Xiuping Central Iron & Steel Research Institute, China

14:20 Exergy Analysis of Chemical Vapor Infiltration (CVI) Ironmaking System
Tomohiro Akiyama · Takahiro Nomura, Hokkaido University, Japan

14:45 Green development is the future direction of Chinese steel industry
Fangqin Shangguan, Central Iron & Steel Research Institute, China
15:10-15:30  Coffee break
15:30  Water model evaluation for slag-metal stirring performance in the BOF Type hot metal pretreatment furnace
Keita Ouchi, Kobe Steel, Japan
15:55  Optimized control of liquid ferruginous mass flow in converter-secondary refining-continuous casting process
Anjun Xu, University of Science and Technology Beijing, China
16:20  Oxidation states and coordination structures of iron ions in silicate slags
Miyuki Hayashi, Tokyo Institute of Technology, Japan
16:45  The correlation between structure and property of molten slag and its application in mould fluxes
Qifeng Shu, USTB, China
17:10  Closing remarks for first day and announcement
18:00  Banquet

6 September 2016
9:00  Separation of iron oxide and phosphorus oxide from steelmaking slag by solid phase precipitation
Takahiro Miki, Tohoku University, Japan
9:25  Research on the application of electromagnetic field in ferrometallurgy processes
Yunbo Zhong, Shanghai University, China
9:50  The behavior of non-metallic inclusions in steel during hot deformation and the effects of deformed inclusions on local ductility
Kenichi Yamamoto, Nippon Steel Sumitomo Metal, Japan
10:15  Several Important Scientific Research Points of Non-metallic Inclusions in Steel
Lifeng Zhang University of Science and Technology Beijing, China
10:40-11:00  Coffee break
11:00  Role of nucleation point on initial solidification
Hisao Esaka, National Defense Academy, Japan
11:25  The Development of Thin Slab Casting and Direct Rolling Process in China
Xin-ping Mao, Wuhan Iron and Steel Company, China
11:50-13:30  Lunch
13:30  Development of Electric Arc Furnaces for Uniform Melting
Yoshikazu Tanaka, Daido Steel, Japan
13:55  Continuous casting technology and slab quality control for High Manganese Steel
Jian Yang, Bao Steel, China
14:20  Dynamic material flow analysis of nickel and chromium associated with steel material using MATRACE model
Tetsuya Nagasaka, Tohoku University, Japan
14:45  Mold simulator study on initial solidification of molten steel near the corner of continuous casting mold
Wanlin Wang, Central South University, China
15:10-15:30  Coffee break
15:30 Impurity contamination in steel by repeated recycling
   Ichiro Daigo, The University of Tokyo, Japan

15:55 Retention characteristics of ultra-low carbon steel slab corner shape and its influence on edge defects of steel strip
   Minglin Wang, Central Iron & Steel Research Institute, China

16:20 Closing remarks
   Kazuya Kunitomo, Kyusyu University, Japan