

October 7 Wednesday

13:10 - 13:20 **Opening Address**

Room A Plenary Lecture

- 13:20 - 14:00 **PL-1** **Background and History of Studies on the Iron Ore Sintering Process**
Eiki Kasai*(Professor Emeritus, Tohoku University)
- 14:00 - 14:40 **PL-2** **Progress and Innovations in Burden Preparation Technology for Blast Furnace Ironmaking in China**
Zhengjian Liu*(University of Science and Technology Beijing), Yaozu Wang, Zhen Li, Sida Li, Jianliang Zhang

14:40 - 15:00 **Coffee Break**

- 15:00 - 15:40 **PL-3** **Pelletizing in the Fossil – Free Steel Value Chain- A Swedish Perspective**
Charlotte Andersson*(Process Metallurgy, Luleå University of Technology)

Room A Raw Materials

- 15:40 - 16:00 **O-1** **Chemical Structure Analysis of Phosphorus-Adsorbed Goethite by Micro-IR Spectroscopy and Quantum Chemical Calculations**
Sonomi KAWANAMI*(Nippon Steel Corporation), Reiko MURAO, Yoichi MATSUZAKI
- 16:00 - 16:20 **O-2** **Developing Continuous Dephosphorization Technique for Iron Ore Using Rotary Kiln Type Furnace**
Osamu Ishiyama*(Nippon Steel Corporation), Kazuaki Katayama, Kenichi Higuchi
- 16:20 - 16:40 **O-3** **Innovations in Pelletizing and Sintering of High Alumina Iron Ore Fines at R&D Tata Steel India**
Srinivas Dwarapudi*(Research and Development, Tata Steel Ltd.), Dhiraj Kadhe, Shaik Mahaboob Basha, Dharmendar Kumar Rajak, Jaya Prakash Behura, Siddhartha Misra, Indrajit Paul, Pradeep Chaudhary, Surajit Sinha
- 16:40 - 17:00 **O-4** **Effects of Biochar, Ammonia and Brown Gas Injection on Sintering Performance: Combined Effects in Mixtures with High Proportions of Brazilian Iron Ore**
Aleí Domingues*(Vale S.A.), Jianguo Zhao, Yufei Li, Marcus Emrich, Qingshi Song, Wei Wang, Felipe Pimenta, Kaidong Chen, Hao Zhou

17:00 - 19:00 **Poster Session & Welcome Reception at 2F Toyama International Conference Center**
