



INTERNATIONAL CONFERENCE ADVANCES IN METALLURGICAL PROCESSES AND MATERIALS

Kyiv, Ukraine*
4-5 June
2015



Home

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papers

Program

Publications

Important dates

Conference venue

Registration

Accommodation

Tours

Contact

Program

Program will be available in September 2014.

Preliminary list of presentations

Plenary Session

- 1) Prof. Rob Boom "Breakthrough development in ironmaking and steelmaking: collaboration or competition?" (Delft University of Technology Materials innovation institute, The Netherlands)
- 2) Prof. Sridhar Seetharaman "Flexibility - The key to sustainability in steel manufacturing" (WMG International Digital Laboratory, University of Warwick, United Kingdom)
- 3) Dr. Florian Kongoli "The Role of Metallurgical and Materials Science and Scientists on the World Sustainability" (FLOGEN Technologies Inc, Incorporated in Canada and USA)
- 4) Prof. Fumitaka Tsukihashi "Current innovation of ironmaking and steelmaking technologies and research in Japan" (The University of Tokyo, Japan)
- 5) Prof. B.I. Bondarenko "Computer modeling of spongy iron reduction shaft furnaces with gas recirculation" (Gas Institute of the National Academy of Sciences of Ukraine, Ukraine)
- 6) Dr. Sang Ho Yi "The Recent Update of Innovative Ironmaking Process Finex®" (Technical Research Laboratories, POSCO, Republic of Korea)

The list of the papers (preliminary) will be changed by confirmation of participants:

- 1) Stefan Feichtinger "Dissolution of SiO_2 Particles in $\text{CaO-Al}_2\text{O}_3\text{-SiO}_2$ Slags: In-Situ CSLM Experiment and Mathematical Analysis" (Chair of Ferrous Metallurgy, Montanuniversitaet Leoben, Austria)
- 2) Dmitry Sukhomlinov, "Standard Gibbs energy of formation of magnesium antimonite measurement by the EMF method" (Aalto University School of Chemical Technology, Finland)
- 3) Alexandre Deev, "Study of dynamic surface phenomena in metallurgical melts" (CSIRO Process Science & Engineering, Australia)
- 4) Jong Bae Kim, "Influence of Al_2O_3 and Extended Basicity on the Viscous Behavior in the $\text{TiO}_2\text{-MnO}$ Based Welding Flux System" (Department of Materials Science and Engineering, Yonsei University, Korea)
- 5) Ko-ichiro OHNO, "Investigation about Effect of Coke Combustion behavior in Quasi-particle on Temperature Distribution in Iron Ore Sintering Process" (Department of Materials Science and Engineering, Kyushu University, Japan)
- 6) Miyuki Hayashi, "Carbothermic reduction of magnetite and hematite powders by microwave heating" (Dept. Metallurgy and Ceramics Science, Tokyo Institute of Technology, Japan)
- 7) Yongqi Li, "Research on reduction of Ironsand Pellets by Hydrogen" (School of Metallurgical and Ecological Engineering, University of Science and Technology Beijing, China)
- 8) Nobuyuki Oyama, "Development of New Gaseous Fuel Injection Technology in Iron Ore