

Session Program

25-28 Sept 2018



8th International Congress on Science and Technology of Ironmaking - ICSTI 2018

CO2 reduction and energy saving

Schloss Schönbrunn
Schloss Schönbrunn, Apothekertrakt, Vienna

Tuesday 25 September

10:45

CO2 reduction and energy saving

Session | **Location:** Schloss Schönbrunn, Room 8 - Sophie, Schloss Schönbrunn, Apothekertrakt, Vienna

10:45-11:05

ENERGY EFFICIENT AND LOW EMISSION SINTER COOLING

Speaker

Gilles KASS

11:05-11:25

DEVELOPMENT OF ENERGY RECOVERY SYSTEM FOR FINEX®

Speaker

Dr MYOUNG KYUN SHIN

11:25-11:45

MAGNETITE REDUCTION by H2 DURING MICROWAVE HEATING

Speaker

Mr Ahmadreza Amini

11:45-12:05

APPLIED FUNDAMENTAL RESEARCH OF FERRO-COKE PRODUCTION BY THE STAMPED CHARGING COKEMAKING PROCESS

Speaker

Prof. Xuegong BI

12:05

14:30

CO2 reduction and energy saving

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14:30-14:50

STEP WISE MODIFICATIONS TO BF PLANTS FOR PROGRESSIVE CO2 EMISSIONS REDUCTION FROM INTEGRATED STEEL PLANTS

Speaker

Mr Anand Kumar AGRAWAL

14:50-15:10

ENERGY SAVING TECHNOLOGY FOR LOWERING AIR LEAKAGE OF SINTERING MACHINE

Speaker

Dr Jia-Shyan Shiau

15:10-15:30

RESEARCH DEVELOPMENT ON UTILIZING BIOMASS IN THE BLAST FURNACE FOR CO2 EMISSION REDUCTION: EXPERIENCES FROM NORDIC COUNTRIES AND CANADA

Speaker

Prof. Chuan Wang

15:30-15:50

TECHNO-ECONOMIC ANALYSIS OF BIOCARBON DIRECT INJECTION IN BLAST FURNACE IRONMAKING

15:50

Speaker

Mr Ka Wing Ng

16:15

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16:15-16:35

Experimental Blast Furnace Operation - Outline of Experimental Blast Furnace -**Speaker**

Mr Kazumoto Kakiuchi

16:35-16:55

CO2 ULTIMATE REDUCTION IN STEELMAKING PROCESS (COURSE50 PROJECT)**Speaker**

Mr Shigeaki Tonomura

16:55-17:15

IRON & STEEL-CHEMICAL COMBINED MAKING TECHNOLOGY --The Carbon Recycling and High-efficiency Utilization of Iron & Steel-Work Off-Gases**Speaker**

Mr YANKUI LI

17:15-17:35

EXPERIMENTAL BLAST FURNACE OPERATION FOR CO2 ULTIMATE REDUCTION**Speaker**

Mr Hirokazu Yokoyama

17:35