

Session Program

25-28 Sept 2018



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

Postersession and Coffee Break

Schloss Schönbrunn
Schloss Schönbrunn, Apothekertrakt, Vienna

Wednesday 26 September

15:10

Postersession and Coffee Break

Session | **Location:** Schloss Schönbrunn, Foyer Spitzhof, Schloss Schönbrunn, Apothekertrakt, Vienna

15:10–15:11

TECHNOLOGY PROGRESS FOR BLAST FURNACE SLAG GRANULATION PROCESS

Speaker

Mr Fan Zhou

15:11–15:12

THE PERFORMANCE AND APPLICATION OF CARBON BRICK IN BLAST FURNACE

Speaker

Kexin Jiao

15:12–15:13

PREPARATION OF ZNO/ASC BY SOLVOTHERMAL AND ITS DESULPHURISATION PERFORMANCE

Speaker

Mrs Rong Li Sang

15:13–15:14

MODEL FOR EMISSION REDUCTION OPTIMIZATION OF IRONMAKING PROCESS IN BLAST FURNACE

Speakers

Dr Mingyin Kou, Mr Shun Yao

15:14–15:15

INFLUENCE OF CAO/SIO₂ AND MGO ON PROPERTIES OF BLAST FURNACE SLAG IN JISCO AND THERMODYNAMIC ANALYSIS

Speaker

Jianliang Zhang

15:15–15:16

DESIGN AND COMMISSIONING OF AN EXPERIMENTAL FLUIDIZED BED REACTOR FOR THE HYDROGEN REDUCTION OF TITANOMAGNETITE IRONSAND

Speaker

Mr Sigit Prabowo

15:16–15:17

STUDY ON THE MECHANISM OF THE FLUE GAS CIRCULATING SINTERING PROCESS ON SINTER PROPERTIES

Speaker

Dr Chao Liu

15:17–15:18

EFFECT OF ORDINARY MAGNETITE RATIOS ON THE BASIC CHARACTERISTICS OF HONGGE HIGH-CHROMIUM VANADIUM-TITANIUM MIXED ORES

Speaker

Prof. Xiangxin Xue

15:18-15:19

STUDY ON TECHNOLOGY OF REMOVAL OF TITANIUM FROM HOT METAL IN BLAST FURNACE**Speaker**

Dr Xuesong Zhang

15:19-15:20

THE HIGH FLUIDITY OF BARRO BRANCO COAL (BRAZIL) AND ITS INFLUENCE ON COKE QUALITY**Speaker**

Mr Bruno Flores

15:21-15:22

COKE MICROSTRUCTURE - SAMPLE PREPARATION AND IMAGE ANALYSIS VIA IMAGEJ**Speaker**

Prof. Eduardo Osório

15:22-15:23

THE CO-LIQUEFACTION OF LOW-RANK COAL/BIOMASS BY N-METHYL-2-PYRROLIDINONE AT HIGH TEMPERATURE**Speaker**

Prof. Haibin zuo

15:23-15:24

BEAD - FORMING EXPERIMENT OF BLAST FURNACE SLAG BY GAS SLAG QUENCHING**Speaker**

Dr Yue Kang

15:24-15:25

SIMULATION OF BLAST FURNACE HEARTH AND BOTTOM EROSION**Speaker**

Prof. Jing Li

15:25-15:26

INFLUENCE OF OPERATION PARAMETERS ON DESULFURIZATION OF HOT METAL IN COREX PROCESS**Speakers**

Prof. Shengli Wu, Ms Yanan Lu

15:26-15:27

ANALYSIS ON THE COMBINED FORM OF IRON SKULL ON THE CARBON BRICK SURFACE USED IN BLAST FURNACE HEARTH**Speakers**

Dr Runsheng Xu, Prof. Wei Wang, Mr Xu Wen

15:27-15:28

DETAILED DEM-SPH SIMULATION OF MELT PASSING PHENOMENA IN VARIOUS COKE BEDS**Speaker**

Dr Shungo Natsui

15:29-15:30

THE RELINING OF POHANG NO.3 BLAST FURNACE**Speaker**

Mr HYUNGWOO KIM

15:31-15:32

INFLUENCE OF THERMODYNAMIC MELT FORMATION CHARACTERISTICS ON LIQUID PHASE FLUIDITY OF IRON ORE IN SINTERING PROCESS**Speaker**

Dr Mingyin Kou

15:32-15:33

A CLEANER AND EFFICIENT PROCESS TO PREPARE VANADIUM PENTOXIDE FROM THE CONVERTER VANADIUM SLAG**Speaker**

Dr juhua Zhang

15:33-15:34

RESEARCH ON THE LONG LIFE BLOWPIPE LINER OF BF AIR SUPPLY APPARATUS**Speakers**

Mr Li ZHU, Dr Wenlong ZHAN

15:34-15:35

SIMULATION RESEARCH ON SPRAYING STEAM ON SINTERING BED SURFACE**Speaker**

Dr jiliang zhou

15:35-15:36

EFFECT OF SILICO ON THE METALLOGENIC AND REDUCTION MECHANISM OF THE LOW-QUALITY IRON ORE SINTER**Speakers**

Dr Runsheng Xu, Prof. Wei Wang

15:36-15:37

KINETIC ANALYSIS OF COKE DISSOLUTION IN CARBON - IRON MELTS**Speaker**

Dr Wei Zhang

16:00