

Session Program

12-14 Sept 2016



**7TH EUROPEAN COKE AND IRONMAKING
CONGRESS - ECIC 2016**

Ironmaking Fundamentals

Monday 12 September

15:00

Ironmaking Fundamentals

Session | **Location:** Design Center Linz, Room C

15:00–15:20

MINERAL4/RECOGNITION4: A UNIVERSAL OPTICAL IMAGE ANALYSIS PACKAGE FOR IRON ORE, SINTER AND COKE CHARACTERIZATION

Speaker

EUGENE DONSKOI

Location

Design Center Linz, Room C

15:20–15:40

A STUDY ON THE METALLIZING SINTERING OF PELLETS OF IN-PLANT IRON-BEARING DUST AND MUD

Speaker

DEQING ZHU

Location

Design Center Linz, Room C

15:40–16:00

ADSORPTION CHARACTER OF SINTER ORE ON POTASSIUM VAPOR

Speaker

ZHIWU YAN

Location

Design Center Linz, Room C

16:00–16:20

A STUDY OF THE GASEOUS REDUCTION OF MAGNETITE ORE IN A FIXED-BED REACTOR AND USING IN-SITU HIGH-TEMPER

Speaker

YURY KAPELYUSHIN

Location

Design Center Linz, Room C

16:20–16:40

EXPERIMENTAL SIMULATION OF THE INTERACTION OF SLAG AND HOT METAL WITH COKE AT THE BOSH REGION OF BLAST FURNACE

Speaker

ANRIN BHATTACHARYYA

Location

Design Center Linz, Room C

16:40–17:00

QUANTIFICATION OF SINTER MINERAL PHASES WITH IMAGE PROCESSING

Speaker

HEINRICH MALI

Location

Design Center Linz, Room C

17:00–17:20

**ANALYSIS OF THE ALKALI DISTRIBUTION IN IRONMAKING REACTORS BY
THERMOCHEMICAL MODELLING**

Speaker

ANTON PICHLER

Location

Room C

17:20

Wednesday 14 September

08:30

Ironmaking Fundamentals

Session | **Location:** Design Center Linz, Room C

08:30–08:50

EFFECT OF VOLATILE MATTER OF COAL ON VOLUME CHANGE AND REDUCTION OF IRON ORE/COAL COMPOSITE PELLETS

Speaker

CHANG HAO-HSUN

08:50–09:10

EXAMINATION OF COKE REACTIVITY USING MICRO-CT ANALYSIS

Speaker

DAVID R. JENKINS

09:10–09:30

TOWARDS PREDICTION OF COAL CONVERSION BEHAVIOUR IN THE BLAST FURNACE

Speaker

HAI THONG HO

09:30–09:50

EFFECT OF SILICA ON THE REDUCTION KINETICS OF CaO-Fe₂O₃-SiO₂ SYSTEM

Speaker

CHENGYI DING

09:50