

Session Program

12-14 Sept 2016



7TH EUROPEAN COKE AND IRONMAKING CONGRESS - ECIC 2016

Blast Furnace, Operation and Control

Monday 12 September

15:00

Blast Furnace, Operation and Control

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

15:00–15:20

ENHANCING THE PRODUCTIVITY OF LARGE BLAST FURNACES AT HIGH SLAG RATES

Speaker

NAVEEN Singh

15:20–15:40

BLAST FURNACE OPERATION IN ROUGH TIMES

Speaker

ROB VAN OPBERGEN

15:40–16:00

EFFECT OF SMALL COKE RATE ON CONSUMPTION BEHAVIOR OF SMALL COKE IN BLAST FURNACE

Speaker

YUSUKE KASHIHARA

16:00–16:20

CHARACTERISATION OF FRACTURE MECHANISMS IN A BLAST FURNACE COKE

Speaker

HANNAH LOMAS

16:20–16:40

MODULAR UPGRADES FOR EXISTING BLAST FURNACE AUTOMATION SYSTEMS

Speaker

PETER WARREN

16:40–17:00

CHARGING PRACTICE OF BLAST FURNACE OPERATED WITH 100% ACID PELLETS

Speaker

IGOR SHEPETOVSKY

17:00–17:20

INNOVATIVE TOOLS FOR PROCESS OPTIMIZATION - BURDEN SURFACE SCANNING VIA BEAMFORMING RADAR AND MEASUREMENT OF THE TOP GAS TEMPERATURE DISTRIBUTION

Speaker

CHRISTOPH FEILMAYR

17:20

Tuesday 13 September

10:45

Blast Furnace, Operation and Control

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

10:45-11:05

THE HIGHS AND LOWS OF THE FOURTH CAMPAIGN OF REDCAR BLAST FURNACE, SSI UK, APRIL 2012 - SEPTEMBER 2015

Speaker

PETER WARREN

11:05-11:25

IMPACT ON COMBUSTION CONDITIONS FROM TUYERE INJECTION SETTINGS

Speaker

LENA S ÖKVIST

11:25-11:45

IDEAL BLAST FURNACE PROCESS

Speaker

DIMITRI Tikhonov

11:45-12:05

RESERVES FOR RAISING THE EFFICIENCY OF BLAST FURNACE PROCESS

Speaker

IVAN KURUNOV

12:05

16:45

Blast Furnace, Operation and Control

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

16:45-17:05

STUDY ON EROSION OF LARGE BLAST FURNACE HEARTH AND TECHNIQUES TO PROLONG CAMPAIGN LIFE OF HEARTH

Speaker

WANREN Xu

17:05-17:25

BLAST FURNACE PROCESS OPTIMIZATION WITH CLOSED-LOOP EXPERT SYSTEMS - 25 YEARS OF EXPERIENCE

Speaker

BERNHARD SCHUERZ

17:25-17:45

BLAST FURNACE PERFORMANCE WITH HIGHER PELLET IN BURDEN

Speaker

GOUTAM KUMAR RAUT

17:45-18:05

STRUCTURAL ASSESSMENT OF BLAST FURNACE HEARTH REFRACTORY SYSTEM

Speaker

HAMID GHORBANI

18:05-18:25

DEVELOPMENT AND IMPLEMENTATION OF NEW MEASURING AND MONITORING SYSTEMS TO SUPPORT BF CONTROL

Speaker

RONGSHAN Lin

18:25

Wednesday 14 September

08:30

Blast Furnace, Operation and Control

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

08:30–08:50

CAREFUL CONTROL OF REFRACTORY LINING CONDITIONS ENSURES PROLONGED CAMPAIGN OF BLAST FURNACE

Speaker

YAKOV GORDON

08:50–09:10

ENERGY EFFICIENT TECHNOLOGY TO PRODUCE HOT METAL FROM TITANIA-MAGNETITE ORE

Speaker

SERGEI ZAGAINOV

09:10–09:30

OPTIMAL DISTRIBUTION OF SUPPLEMENTAL FUEL AND OXYGEN AMONGST FURNACES IN BLAST FURNACE SHOP

Speaker

NIKOLAI SPIRIN

09:30–09:50

ADVANCED SIGNAL PROCESSING OF TUYERE PRESSURE DATA TO DETECT REDUCED HOT WIND THROUGHPUT AND RACEWAY BLOCKAGES

Speaker

STEFAN PUTTINGER

09:50–10:10

THE LONG WAY TO PCI IN LINZ - FIRST OPERATION EXPERIENCE

Speaker

BERNHARD RUMMER

10:10