

Session Program

26-29 Jun 2017



EUROPEAN STEEL TECHNOLOGY AND APPLICATION DAYS 2017 - ESTAD 2017

Environmental

Tuesday 27 June

08:30

Environmental

Session | **Location:** Room 2.32

08:30–08:50

Challenges to the steel industry in the transformation process towards low-carbon economy at the example of voestalpine

Speaker

Mr Johann Prammer

08:50–09:10

Improvement of environmental protection and energy savings by suitable material handling systems

Speaker

Mr Rainer Bertling

09:10–09:30

Risk assessment for lubricants in use in steel plants. How fire resistant lubricants improve work safety and reduce fire hazard in steel plants

Speakers

Mr Ronald Knecht, Mr Tim Mattern

09:30–09:50

A simulation assessment of modifications of the water network of an electric arc furnace steelworks to allow wastewater reuse

Speaker

Mr Ismael Matino

09:50–10:10

Explosions due to the entrapment of water by molten iron, steel, or slag

Speaker

Mr Tom Plikas

10:10

10:40

Environmental

Session | **Location:** Room 2.32

10:40–11:00

Future of direct reduction in Europe - Medium and long-term perspectives

Speaker

Mr Robert Millner

11:00–11:20

Sinter plant and basic oxygen furnace waste heat utilization - New configuration with ORC modules for power generation

Speaker

Mr Thomas Steinparzer

11:20