

Session Program

26-29 Jun 2017



9th ECCC European Continuous Casting Conference - ECCC 2017

Tundish

Austria Center Vienna
Bruno-Kreisky-Platz 1 1020 Vienna Austria

Tuesday 27 June

10:30

Tundish: Steel cleanness and temperature control

Session | **Location:** Austria Center Vienna, Room L8, Bruno-Kreisky-Platz 1 1020 Vienna Austria | **Convener:** Georg Krumpel

10:30–11:00

Ladle purging versus tundish purging during casting for enhanced inclusion removal efficiency

Speakers

Mr Johan Richaud, Mr Ravishekar Konangi

11:00–11:20

Tundish flow optimization in Aperam Genk for quality improvement

Speaker

Mr Bastien Soete

11:20–11:40

Impact of various refractory materials on the wear of stopper rods

Speaker

Mr Georg Stechauner

11:40–12:00

Superheat range optimization and evaluation of continuous temperature measurement system in tundish

Speaker

Mr Abdullah Kareem

12:00–12:20

Continuous heat temperature measurement in the tundish

Speaker

Mr Johannes Atzlesberger

12:20

13:50

Tundish: Steel cleanness

Session | **Location:** Austria Center Vienna, Room L8, Bruno-Kreisky-Platz 1 1020 Vienna Austria | **Convener:** Susanne Michelic

13:50–14:20

In or On? About inclusion entrapment in slabs leading to clean steel defects

Speaker

Mr Gert Abbel

14:20–14:40

Recent development to improve cleanliness of bearing steel

Speaker

Mr Noritaka Nishiguchi

14:40–15:00

Numerical analysis of influence of modern ladle shroud for hydrodynamic conditions of liquid steel flow in one strand slab tundish

Speaker

Mr Adam Cwudzinski

15:00–15:20

Tundish furniture optimization to maximize steel quality

Speaker

Mr Alexandre Dolabella Resende

15:20-15:40

Investigation of cleanliness in two-strand tundish with different dams**Speaker**

Mr Yan-zhao Luo

15:40

16:10

Tundish: Numerical simulation and robotics**Session** | **Location:** Austria Center Vienna, Room L8, Bruno-Kreisky-Platz 1 1020 Vienna Austria | **Convener:** Lifeng Zhang

16:10-16:30

Open eye formation in a slab caster tundish: Cause and effects**Speaker**

Mr Kinnor Chattopadhyay

16:30-16:50

Determination of critical bath level in the tundish by physical modelling**Speaker**

Mr Karel Gryc

16:50-17:10

Tundish inclusion removal modelling implemented in OpenFOAM**Speaker**

Mr Gerhard Holzinger

17:10-17:30

LiquiRob - Next level shroud manipulation - from an idea to an industrial solution in 3 major steps**Speaker**

Mr Mario Hirth

17:30