

Session Program

22-25 Sept 2024



Liquid Metal Processing & Casting Conference - LMPC 2024

Session 3

ASIA Hotel & Spa Leoben
In der Au 1/3, A-8700 Leoben, Austria

Tuesday 24 September

10:30

Session 3: VIM & Plasma

Session | **Location:** ASIA Hotel & Spa Leoben, In der Au 1/3, A-8700 Leoben, Austria | **Convener:** Stephane Hans

10:30-10:50

VIM B52 For Superalloy Barstick Production - Design Features Of An Innovative Furnace Concept

Speaker

Matthias Knabl

10:50-11:10

DEVELOPMENT OF A NEW TYPE OF VACUUM ARC COLD HEARTH SKULL MELTING FURNACE & PROCESS

Speaker

Alexander Scheriau

11:10-11:30

A comprehensive numerical modelling of Plasma Arc Melting (PAM) process and simulation of inclusions removal

Speaker

widad ayadh

11:30-11:50

From Concept to Reality: Exploring the Potentials of Hydrogen Plasma Smelting Reduction

Speaker

Dr DANIEL ERNST

11:50-12:10

Insights into Electric Arc Furnace Behavior: A Practical Simulation Approach

Speaker

Mohamad Al Nasser

12:10