

Liquid Metal Processing & Casting Conference - LMPC 2024

Monday 23 September 2024

Session 2: VAR (16:10-16:50)

-Conveners: Paul King

time	[id] title	presenter
16:10	[10] 3D Transient Numerical Modelling of Vacuum Arc Remelting Process and its implication on 2D Axisymmetric Model	Prof. YUAN, Lang
16:30	[38] Improvements to Ingot Quality of Industrial-Scale Vacuum Arc Remelted Ti6Al4V by Application of Magnetic Sensing and Controls	Dr CIBULA, Matthew

Tuesday 24 September 2024

Session 2: VAR 2 (08:30-10:10)

-Conveners: A. Stewart Ballantyne

time	[id] title	presenter
08:30	[6] Segregation in vacuum arc remelted ingots of titanium alloys	MITCHELL, Alec
08:50	[43] A numerical study on the solidification shrinkage of the ingot in vacuum arc remelting (VAR) process	KRYSTOF, Mraz
09:10	[44] Magnethydrodynamics (MHD) analysis of the molten pool in Vacuum Arc Remelting (VAR) of Alloy 718 utilizing Gaussian distribution	ABDI, Mehran
09:30	[19] Consumable electrode vacuum arc remelting of gamma-TiAl with online feeding	SPECHT, Alexander
09:50	[46] Numerical Simulation of Asymmetric Cooling in Vacuum Arc Remelting Furnace	CLARISSOU, Alexis