

List of Accepted Abstracts

Simulation, Design and Manufacturing Session

ID	New ID	Paper Topics	Presentation
O-SD-037	SD-O-01	Multi-scale Multi-physics Modelling of Fusion Welding: Materials, Process, and Mechanisms	Oral
O-SD-045	SD-O-02	A Block Algorithm and Its Optimal Block Size for Cholesky Decomposition of Finite Element Matrices in 3D Free Vibration Analysis	Oral
O-SD-121	SD-O-03	Effect of weld line formation on mechanical properties for 3D-MID technology	Oral
O-SD-168	SD-O-04	Numerical Simulation of Fluid Mixing in Micro-Mixers	Oral
O-SD-180	SD-O-05	Design of Runner and Gating Systems for the Investment Casting of 431 Stainless Steel Netting Hook through Numerical Simulation	Oral
O-SD-325	SD-O-06	Study of the Fabrication of Microreactor Made of Stainless Steel AISI Type 304 by Using Laser Beam Welding	Oral
O-SD-349	SD-O-07	Influence of Spinning Process Parameters on Spinning Deformation, Force and Surface Roughness	Oral
P-SD-091	SD-O-08	Effect of Vortex Finder, Inlet and Body Diameter of hydrocyclone on the Separation Efficiency for Crude Palm Oil Industry	Oral
O-SD-134	SD-P-01	Effect of Cell Configuration and Size on Strength of Lightweight Structural Cores Sandwich Panels	Poster
P-SD-138	SD-P-02	The Wet Etching Technique to Reduce Pyramidal Hillocks for Anisotropic Silicon Etching in NaOH/IPA Solution	Poster
P-SD-338	SD-P-03	Application of Numerical Method and Statistical Analysis in the Integrated Intensity Calculation of the Peaks from the X-Ray Diffraction (XRD) Pattern of Alpha-Iron	Poster