



WORLD PM2024

13-17 October 2024
YOKOHAMA, JAPAN

Powder Metallurgy World Congress & Exhibition

"Make a better world with PM" WORLD PM2024 in YOKOHAMA, JAPAN

Best Poster Award

Hasina Tabassum Chowdhury

Tokyo Metropolitan University

"Effect of Preheating on Microstructure Evolution and Creep Properties of IN718 Processed by Laser Powder Bed Fusion"

Satoshi Kawasumi

Tokyo City University

"Effects of Mechanical Ball Milling and Calcination on the Mechanical Properties of Mo₂NiB₂-Ni cermets"

Shizuka Kosugi

Osaka University

"Temperature Dependence of Magnetostrictive Properties of Cu_{0.6}Co_{0.4}Fe₂O₄ and CoFe₂O₄ below Room Temperature"

Shuhei Mino

Osaka University

"Raking and Fusing Behaviors during Fabrication of Multiple-layers in Powder Bed Fusion: an Integrated Discrete Element and Computational Thermal Fluid Dynamics Study"

Hiroto Momose

Tokyo City University

"Fabrication for Transition Metal Diborides Using Spark Plasma Sintering Method"



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Tabeen Halawat Pampori

Tallinn University of Technology

"Exploring Microstructural Properties, Phase Transformations, and Wettability in High-Chromium Content Iron-bonded Ti(C,N)-based Cermet"

Louise Rosenblad

KTH Royal Institute of Technology

"Robustness Analysis of a Constitutive Model for Cemented Carbide Sintering"

Nanae Sato

Tokyo Metropolitan University

"Microstructure and Mechanical Properties of IN718 Alloy Deposited by Directed Energy Deposition"

Hsin-Tzu Wang

National Taipei University of Technology

"Impact of Sintering Parameters on Sintering Densification and Mechanical Properties of High-Performance Powder Metallurgy (HPM) 17-4PH Compacts"