

Session Program

5-8 Sept 2022

27th IFHTSE CONGRESS & EUROPEAN CONFERENCE ON HEAT TREATMENT 2022

Poster

Wyndham Grand Salzburg Conference Center
Fanny-von-Lehnert-Straße 7, 5020 Salzburg, Austria

Wednesday 7 September

18:00

Poster: Poster

Session |

Location: Wyndham Grand Salzburg Conference Center, Fanny-von-Lehnert-Straße 7, 5020 Salzburg, Austria

18:02-18:04

Plasma nitriding properties of sintered body formed using CoCrFeNiMn high-entropy alloy powder by varying ball-milling duration

Speaker

Ms Jiaxin PENG

18:04-18:06

Gas-Cyclic Nitriding of Corrosion Resistant Steels

Speaker

Larisa PETROVA

18:06-18:08

Effect of the Amount of Zr Addition on Microstructure and Mechanical Properties of CoCrFeNi High-Entropy Alloys Prepared by Mechanical Alloying and Spark Plasma Sintering

Speaker

Mr Zixiang FAN

18:08-18:10

Influence of carbon contamination on the gas discharge composition in an active screen nitrocarburizing reactor

Speaker

Dr Andrei PIPA

18:10-18:12

Solution treatment duration influence on microstructural and mechanical properties of a cold-rolled Ti-Nb-Zr-Ta-Sn-Fe alloy

Speaker

Prof. Vasile Danut COJOCARU

18:12-18:14

Study of the influence of heat treatment on the metallurgical characteristics of the IN625 alloy

Speaker

Ms Luis Henrique PIZETTA ZORDAO

18:14-18:16

Increasing the wear resistance of high-alloy tool steels for cold work with multilayer coatings TiN/TiCN and TiN/Ti-B-N applied by the PACVD process

Speaker

Prof. Darko LANDEK

18:16-18:18

Abnormal plate type iron-carbonitrides development during salt bath nitrocarburizing of Fe-4wt.%V alloy

Speaker
Ms Anupama KASHYAP

18:18-18:20

Cyclic application of ultrasonic shot peening and low-temperature liquid nitriding on 316 stainless steel

Speaker
Mr Jagadeesh NEDURI

18:20-18:22

Salt Bath Quenching after Nitriding in AISI H13 Tool

Speaker
Lauralice CAMPOS FRANCESCHINI CANALE

18:22-18:24

Prospects for the use of additive manufacturing technology for manufacturing metal matrix composite materials

Speaker
Riana ABLEYEVA

18:24-18:26

Non-destructive determination of the hardness penetration depth by laser-ultrasound

Speaker
Edgar SCHERLEITNER

20:15