

Session Program

21-23 Jun 2021

12th International Conference on Zinc & Zinc Alloy Coated Steel Sheet - GALVATECH 2021

PHS-ZnFe: Liquid and Vapour Metal Induced Embrittlement

Virtual Conference

Wednesday 23 June

14:00

PHS-ZnFe: Liquid and Vapour Metal Induced Embrittlement

Session | **Location:** Room A | **Conveners:** Dr Friedrich Luther, Dr Weimin Zhong

14:00–14:20

AVOIDING ZINC INDUCED CRACKING IN HOT FORMING

Speaker

Josef Faderl

14:20–14:40

THE EFFECT OF Si ADDITION ON Zn-ASSISTED LIQUID METAL EMBRITTLEMENT IN 22MnB5 PRESS HARDENING STEEL

Speaker

Seok-Hyun Hong

14:40–15:00

SCANNING ELECTRON MICROSCOPE INVESTIGATION ON ZINC INDUCED CRACKS OF COATED PRESS HARDENED COMPONENTS

Speaker

Prof. Thomas Antretter

15:00–15:20

ON THE ORIGIN OF MICRO-CRACKING IN ZINC COATED PRESS HARDENED STEELS

Speaker

Dr Joseph McDermid

15:20–15:40

DEVELOPMENT OF A Zn-Al-Mn-Sb ALLOY COATING FOR PRESS HARDENABLE STEELS

Speakers

Neil Gao, Weiping Sun

15:40