

Session Program

21-23 Jun 2021

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

Origins of Hydrogen Embrittlement

Virtual Conference

Wednesday 23 June

08:30

Origins of Hydrogen Embrittlement

Session | **Location:** Room C | **Conveners:** Dr Louis Bordignon, Mr Takuya Mitsunobu

08:30–08:50

EFFECT OF ANNEALING ATMOSPHERE ON HYDROGEN EMBRITTLEMENT OF ADVANCE HIGH STRENGTH STEEL

Speaker

JoungHyun La

08:50–09:10

INFLUENCE OF Zn-BASED COATING ALLOYS ON HYDROGEN DIFFUSION AND CORROSION RESISTANCE IN A DP STEEL

Speaker

Mélodie MANDY

09:10–09:30

CHARACTERIZATION OF RESIDUAL STRESSES AT SHEARED, MILLED AND LASER CUT EDGES IN MARTENSITIC STEELS

Speaker

Sven Erik Hörnström

09:30–09:50

INVESTIGATIONS ON CORROSION BEHAVIOR AND HYDROGEN EMBRITTLEMENT SUSCEPTIBILITY OF GALVANIZED DUAL-PHASE STEEL

Speaker

Ines Traxler

09:50–10:10

IN SITU INVESTIGATION OF HYDROGEN ENTRY AND HYDROGEN EMBRITTLEMENT OF ZINC-COATED HIGH STRENGTH STEELS INDUCED BY ATMOSPHERIC CORROSION

Speaker

Tomas Prosek

10:10