

Session Program

21-23 Jun 2021

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

***Steel-Coating Interfacial Layer and Coating
Phase Developments***

Virtual Conference

Monday 21 June

14:00

Steel-Coating Interfacial Layer and Coating Phase Developments

Session | **Location:** Room C | **Convener:** Thomas Mörtlbauer

14:00-14:20

FORMATION SEQUENCE OF Fe-Al INTERMETALLIC PHASES IN HOT-DIP Zn-Al-Mg ALLOY GALVANIZED STEELS

Speaker

Naoki Takata

14:20-14:40

QUANTITATIVE EVALUATION OF NANOSCALE MECHANICAL PROPERTIES OF Zn-Al AND Zn-Al-Mg COATINGS ON STEEL SHEET BY NANOINDENTATION

Speaker

Franck Nozahic

14:40-15:00

IN-SITU OBSERVATION OF THE CRYSTALLIZATION AND GROWTH BEHAVIOR OF Fe-Zn INTERMETALLIC COMPOUND ("BOTTOM DROSS") IN THE MOLTEN ZINC USING X-RAY TRANSMISSION IMAGING METHOD

Speaker

Ryo Sasaki

15:00-15:20

STRUCTURAL AND MECHANICAL CHARACTERIZATIONS OF TOP DROSS IN A MOLTEN ZINC BATH

Speaker

Takeshi Konishi

15:20-15:40

INVESTIGATION OF ORANGE PEEL DEFECT ON GALVANIZED DP STEEL SHEET

Speaker

Lei Cui

15:40