

Session Program

21-23 Jun 2021

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

Coating Microstructure Analysis and Steel/ Coating Surface Reactivity

Virtual Conference

Monday 21 June

10:50

Coating Microstructure Analysis and Steel/Coating Surface Reactivity

Session | **Location:** Room C | **Convener:** Dr Anirban Chakraborty

10:50-11:10

SCANNING KELVIN PROBE TECHNIQUES FOR THE INVESTIGATION OF CORROSION, HYDROGEN UPTAKE AND PERMEATION PROPERTIES OF ZINC ALLOY COATINGS ON STEEL

Speaker

Michael Rohwerder

11:10-11:30

ON GRAIN BOUNDARY TOPOGRAPHY AND SURFACE REACTIVITY DURING HOT-DIP GALVANISING

Speaker

Nils Köpper

11:30-11:50

DENDRITIC MORPHOLOGIES OF HOT-DIP GALVANIZED Zn-0.2 WT.% Al COATINGS: EXISTENCE OF THIRD PREFERRED GROWTH DIRECTIONS

Speaker

Joo-Youl Huh

11:50-12:10

MICROSTRUCTURE AND TEXTURE ANALYSIS OF A NEAR-EUTECTIC Zn-Al COATING DEPOSITED ON STEEL BY HOT-DIP GALVANIZING

Speaker

Houssein Eddine Chaieb

12:10-12:30

SEGREGATION MECHANISM OF Al-BASED OXIDES ON Zn-0.2MASS%Al HOT-DIP GALVANIZED STEEL SHEETS

Speaker

Katsuya Hoshino

12:30