

Session Program

21-23 Jun 2021

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

Fundamentals on Surface Oxidation and Wettability

Virtual Conference

Wednesday 23 June

08:30

Fundamentals on Surface Oxidation and Wettability

Session | **Location:** Room A | **Conveners:** Dr GUANGRUI JIANG, Mr Eduardo Silva

08:30–08:50

IMPROVEMENT OF WETTABILITY BETWEEN STEEL AND LIQUID Zn-Al ALLOY BY FORCED WETTING

Speaker

Marie-Laurence Giorgi

08:50–09:10

MITIGATION OF THE ADVERSE EFFECTS OF INCREASING Si CONTENT IN A CMnSi ADVANCED HIGH STRENGTH STEEL VIA CONTROLLING ANNEALING ATMOSPHERE pO₂ AND MINOR Sn ADDITION DURING CONTINUOUS GALVANIZING

Speaker

Ghazal Seyed Mousavi

09:10–09:30

AHSS SURFACE OXIDE PHASE FORMATION DURING ANNEALING AND PREDICTING THEIR TYPE USING GIBBS ENERGY MINIMIZATION (GEM) THERMODYNAMIC PRINCIPLE

Speakers

Daniel Liu, Venu Krishnardula

09:30–09:50

REACTIVE WETTING OF MEDIUM-Mn ADVANCED HIGH-STRENGTH STEELS BY A Zn-Al-Mg BATH

Speaker

Maedeh Pourmajidian

10:10