

Session Program

21-23 Jun 2021

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

***Solidification and Formation of Hot Dip
Galvanized Coatings***

Virtual Conference

Tuesday 22 June

08:30

Solidification and Formation of Hot Dip Galvanized Coatings

Session | **Location:** Room C | **Conveners:** Prof. Dave Penney, Daniel Liu

08:30–08:50

INFLUENCE OF SURFACE ROUGHNESS OF FULL HARD STEEL ON SPANGLE OF GALVANIZED STEEL AND ACTUAL APPLICATION RESULTS

Speaker

TAE JUN PARK

08:50–09:10

SPANGLE NUCLEATION AND REFINEMENT THEORY IN 55%Al-Zn COATED STEEL

Speaker

Nega Setargew

09:10–09:30

PERITECTIC STRUCTURE EVOLUTION IN HOT-DIP Zn-Al ALLOY COATINGS

Speaker

Takuya Mitsunobu

09:30–09:50

RAPID DESIGN OF NEW Zn-Mg-Al-Sn COATINGS WITH LOW MELTING POINT FOR AUTOMOTIVE SHEET APPLICATIONS VIA MACHINE LEARNING

Speaker

Rohit Bardapurkar

10:10