

Session Program

5-6 May 2022

Integrated Computational Materials, Process and Product Engineering - IC-MPPE 2022

Reliability of electronic based systems

Live Congress Leoben
Hauptpl. 1, 8700 Leoben, Austria

Friday 6 May

09:55

Reliability of electronic based systems

Session | **Location:** Peter Tunner Saal - Room 2 | **Convener:** Ms Elke Kraker

09:55-10:15

Virtual warpage analysis as major tool for “Design for Reliability” for PCBs and IC-substrates

Speaker

Mr Thomas Krivec

10:15-10:35

AI-TWILIGHT - Steps towards a prescriptive digital twin for luminaires using AI (A new European initiative) - (online presentation)

Speaker

Mrs Genevieve Martin

10:35-10:55

Uncertainty Quantification in RuL Modelling for Power Electronics

Speaker

Julien Magnien

10:55-11:15

Investigating microstructural dependencies on thermal properties of Nb₂O₅ thin films for reliable electronics

Speaker

Lisa Mitterhuber

11:15