

Session Program

5-6 May 2022

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

Digitalization and reliability of railway tracks II

Live Congress Leoben
Hauptpl. 1, 8700 Leoben, Austria

Thursday 5 May

16:40

Digitalization and reliability of railway tracks II

Session | **Location:** Peter Tunner Saal - Room 2 | **Convener:** Jürgen Maierhofer

16:40–17:00 Rail engineering and corresponding maintenance

Speaker

Ingolf Nerlich

17:00–17:20

Possibilities and challenges with track health monitoring and prediction - (online presentation)

Speaker

Prof. Anders Ekberg

17:20–17:40

Overview and outlook - condition monitoring of turnouts

Speaker

Ivan Vidovic

17:40–18:00

A whole system model framework to predict damage in turnouts

Speaker

Mr Kamil Sazgetdinov

18:00–18:20

Assessment tool for crossing materials in long-term operation

Speaker

Jürgen Maierhofer

18:20–18:40

Predictive railway maintenance 4.0

Speaker

Dino Velic

18:40