

Session Program

5-6 May 2022

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

Novel characterization techniques

Live Congress Leoben
Hauptpl. 1, 8700 Leoben, Austria

Friday 6 May

08:15

Novel characterization techniques

Session | **Location:** Erherzog Johann Saal - Room 1 | **Convener:** Thomas Klünsner

08:15-08:35

Fracture energy determination of carbon containing refractories with consideration of the creep behaviour

Speaker

Dr Dietmar Gruber

08:35-08:55

Advanced microstructural characterization and residual stresses determination for reliable thin films

Speaker

Rahulkumar Sinojiya

08:55-09:15

Residual stress depth profiling by means of X-ray diffraction techniques

Speaker

Dr Paul Angerer

09:15-09:35

Nanoindentation for reliable assessment of mechanical flow curves under ambient and non-ambient conditions

Speaker

Verena Maier-Kiener

09:35