

Session Program

21-23 Nov 2018

Metal Additive Manufacturing Conference 2018

New Materials (III)

Wirtschaftskammer Österreich, Julius Raab Saal
Wiedner Hauptstraße 63 1045 Vienna, Austria

Friday 23 November

09:30

New Materials (III)

Session |**Location:** Wirtschaftskammer Österreich, Julius Raab Saal, Wiedner Hauptstraße 63 1045 Vienna, Austria |**Convener:** Prof. Reinhart Poprawe

09:30–09:50

LASER POWDER BED FUSION OF ADVANCED HIGH STRENGTH STEELS - MODIFICATION OF DEFORMATION MECHANISMS BY INCREASING STACKING FAULT ENERGY

Speaker

Mr Simon Ewald

09:50–10:10

FORMATION QUALITY, MECHANICAL PROPERTIES AND PROCESSING BEHAVIOR OF PURE ZINC (Zn) METAL PARTS PRODUCED BY LASERBASED MANUFACTURING FOR BIODEGRADABLE IMPLANTS

Speaker

Mr Maximilian Voshage

10:10–10:30

ADDITIVE MANUFACTURING OF NdFeB PERMANENT MAGNETS BY SELECTIVE LASER MELTING

Speaker

Mr Michael Görtler

10:30