

Session Program

25-27 Apr 2022

12th Tooling Conference & Exhibition - Tooling 2022

Heat Treatment

Conventum Conference Center
Olof Palmes torg 1, 702 22 Örebro, Sweden

Wednesday 27 April

10:40

Heat Treatment

Session | **Location:** TUNNBINDAREN | **Convener:** Reinhold Schneider

10:40–11:00

Influence of partitioning effects on the retained austenite content and properties of a martensitic stainless steel

Speaker

Simona Kresser

11:00–11:20

Retained austenite in tool steels - how heat treatment of tool steels effects retained austenite and tool performance

Speaker

Gert Kellezi

11:20–11:40

Cryogenic treatment as a way to optimalize the hardness-toughness relation for cold work tool steels

Speaker

Prof. Peter Jurči

11:40–12:00

Plasma nitriding of H13 tool steel surfaces for improved thermal fatigue resistance of die-casting molds

Speaker

ANDERSON PUKASIEWICZ

12:00