

Session Program

25-27 Apr 2022

12th Tooling Conference & Exhibition - Tooling 2022

Tooling Applications

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

Wednesday 27 April

11:00

Tooling Applications

Session | **Location:** KONGRESSHALL | **Convener:** Christoph Broeckmann

11:00–11:20

Active inserts, a plug and play solution for increasing mechanical properties and reducing porosity in LPDC-ed parts

Speaker

Mr Simon Frank

11:20–11:40

Martensitic Stainless Steels for Food Contact Applications

Speaker

Horst Zunko

11:40–12:00

Investigation on a quasi-incremental tool concept to manufacture functional components with sheet thickness gradient

Speaker

Andreas Hetzel

12:00

14:00

Tooling Applications

Session | **Location:** KONGRESSHALL | **Convener:** Ewa Persson

14:00–14:20

Influence of plasma-nitriding on the fatigue strength of carbide-rich tool steels

Speaker

Mr Lennart Mirko Scholl

14:20–14:40

Specification of a die demonstrator for automotive class A surfaces

Speaker

Natalia Ingrid Costa Davila

14:40–15:00

Versatile tool design for a tumbling self-piercing riveting process

Speaker

Simon Wituschek

15:00–15:20

Experimental and numerical analysis of cold formed multi pin structures using a multi-acting tool design

Speaker

Mr David Römisch

15:20–15:40

Direct laser metal deposition of H13 tool steel on Cu-Be alloy substrate for tooling applications

Speaker

Mr Zhao Zhao

15:45