

Session Program

24-26 Mar 2025

**13th International Tooling Conference -
Tooling 2025**

Surface Treatment & Coating

Grand Hotel Trento Piazza Dante
P.za Dante, 20, 38122 Trento TN, Italy

Tuesday 25 March

14:00

Surface Treatment & Coating

Session | **Location:** Grand Hotel Trento, Room 2 | **Convener:** Pavel Krakhmalev

14:00–14:20

Decoating of cutting tools exploiting vacuum and liquid plasma technologies

Speaker

Andrea Lucchini Huspek

14:20–14:40

Effect of aluminum content on ion nitriding and nitriding kinetics of new SDAH13 extrusion die steel

Speaker

Jie Ji

14:40–15:00

Laser surface modification of CrVN coatings for self-lubricating performance

Speaker

Bojan Podgornik

15:00–15:20

Wear performance of EDM-machined cermet substrates with different surface finishes

Speaker

Dr Francesco Sordetti

15:20

15:50

Surface Treatment & Coating

Session | **Location:** Grand Hotel Trento, Room 2 | **Convener:** Till Schneiders

15:50–16:10

Tribological and microstructural characterization of Coatings used on C75 tool steel

Speaker

Niki Picco

16:10–16:30

Comparative study of conventional and nano-diamond coated wire drawing dies

Speaker

Joakim Larsson

16:30–16:50

Surface induction hardening of a hot work tool steel for aircraft applications

Speaker

Clémence Tafani-Maitre

16:50