

13th International Tooling Conference - Tooling 2025

Tuesday 25 March 2025

Surface Treatment & Coating - Room 2 (14:00-15:20)

| time | [id] title | presenter |
|-------|--|-------------------------|
| 14:00 | [13] Decoating of cutting tools exploiting vacuum and liquid plasma technologies | LUCCHINI HUSPEK, Andrea |
| 14:20 | [12] Effect of aluminum content on ion nitriding and nitriding kinetics of new SDAH13 extrusion die steel | Jl, Jie |
| 14:40 | [15] The effect of ion nitriding temperature on the high-temperature wear resistance of austenitic die-casting mold steel SDHA | WU, Zhongchao |
| 15:00 | [17] Effect of shot peening on plasma nitriding microstructure and properties of 4Cr5Mo2V steel | SHI, BiCong |

Surface Treatment & Coating - Room 2 (15:50-17:30)

| time | [id] title | presenter |
|-------|---|-------------------------|
| 15:50 | [21] Surface induction hardening of a hot work tool steel for aircraft applications | TAFANI-MAITRE, Clémence |
| 16:10 | [34] Comparative study of conventional and nano-diamond coated wire drawing dies | LARSSON, Joakim |
| 16:30 | [45] Tribological and microstructural characterization of Coatings used on C75 tool steel | PICCO, Niki |
| 16:50 | [46] Wear performance of EDM-machined cermet substrates with different surface finishes | Dr SORDETTI, Francesco |
| 17:10 | [50] Laser surface modification of CrVN coatings for self-lubricating performance | PODGORNIK, Bojan |