



PROGRAM | HALL K2 INDUSTRIAL FORUM

THURSDAY 5 MAY 2022

I COATINGS | APPLICATIONS | MATERIALS

- 9.00 a.m. **E. Vogli** LiquiMetal Group Holdings, USA
Amorphous metals – revolution in the material technology
- 9.20 a.m. **M. Trattler** Treibacher Industrie AG, Austria
Next generation ceramic coatings
- 9.40 a.m. **M. Nabavi** Oerlikon Metco AG, Switzerland
Artificial intelligence in the age of digitalized coating technology
- 10.00 a.m. **S. Hartmann** obz innovation gmbh, Germany
Serial production applications and application development with focus on cold and suspension spraying at obz innovation
- 10.20 a.m. **F. Beck** BLC Lasercladding GmbH, Germany
From laser cladding to laser spraying
- 10.40 a.m. *Coffee Break, ACV, Hall X1*
Poster Session, ACV, Foyers, Hall X1

II STATE OF THE ART IN ALTERNATIVE SURFACE TECHNOLOGY PROCESSES

- 11.00 a.m. **C. Kalscheuer** RWTH Aachen University, Germany
5 micron high-tech – efficiency improvement and wear protection by high-performance PVD coatings
- 11:20 a.m. **T. Lampke** Chemnitz University of Technology, Germany
Electroplating processes, regulations, markets and trends
- 11.40 a.m. **I. Rass** EUROMAT GmbH, Germany
Functional coatings made by brazing
- 12.00 p.m. **M. Öte** Schaeffler Technologies AG & Co. KG, Germany
Hydrogen as an energy carrier – coatings for electrochemical cells

- 12.20 p.m. **C. Kunde** DIAMANT Metallplastic GmbH, Germany
Sealers – proof of function and potential for optimisation
- 12.40 p.m. *Lunch Break, ACV, HALL X1*
Poster Session, ACV, Foyers, Hall X1

III EQUIPMENT AND DIAGNOSTICS

- 1.40 p.m. **A. Salito** Guhlfi Consulting AG Switzerland, Switzerland
Properties of the new family of industrial cascade plasma torches Debye-Larmor and application to Cr₂O₃ coating for paper industry
- 2.00 p.m. **J. Loricourt** Imerys, Austria
Imerys – from minerals to thermal spray powders
- 2.40 p.m. **A. Wank** GTV Verschleißschutz GmbH, Germany
Advanced automation concepts and data management
- 3.00 p.m. **D. Feldhaus** Northwest Mettech Corp., Canada
The next generation of axial III

IV EQUIPMENT AND DIAGNOSTICS

- 3.40 p.m. **J. Kiilakoski** Saint-Gobain Coating Solutions, France
Wire flame spray process old fashioned? Discover our new master jet auto & master jet 3s!
- 4.20 p.m. **A. Burgess** Spraywex Technologies Inc., Canada
Internal diameter HVOF torch for industrial applications
- 4.40 p.m. **I. Linden** Oseir Ltd., Finland
How best to measure hot and cold particle processes
- 5.00 p.m. **A. Barth** Oerlikon Metco AG, Switzerland, Switzerland
New torch developments at Oerlikon Metco

FRIDAY 6 MAY 2022

V EQUIPMENT AND DIAGNOSTICS

- 9.00 a.m. **R. Mulzer** Glen Dimplex Deutschland GmbH, Germany
Impact of (current and future) refrigerants on cooling applications for thermal spray equipment
- 9.20 a.m. **P. Richter** Impact Innovations GmbH, Germany
Advancements in cold spray equipment, materials and selected applications
- 9.40 a.m. **T. Hohnen** SMS Group GmbH, Germany
Innovative applications for high velocity wire arc spraying
- 10.00 a.m. **R. Beccard** LUNOVU GmbH, Germany
Digital process chains for 3D laser cladding and LMD/DED additive manufacturing
- 10.20 a.m. *Coffee Break, ACV, Hall X1*
Poster Session, ACV, Foyers, Hall X1

VI OTHERS | PROCESS | PERIPHERAL

- 11.00 a.m. **R. Hepp** Oerlikon Metco Woka GmbH, Germany
Cored wires for build-up welding, arc spraying and as dual-use variant, developed on the basis of a unique database
- 11.20 a.m. **C. Hambroek** voestalpine Stahl GmbH, Austria
Thermal Spraying 4.0 – digitalization of old equipment vs. buying new equipment?
- 11.40 a.m. **K. Rozema** Dycomet Europe b.v., The Netherlands
Titomic's new applications in cold spray
- 12.00 p.m. *End of Industrial Forum*
- 12.40 p.m. *Lunch Break, ACV, HALL X1*
Poster Session, ACV, Foyers, Hall X1

Organized by:

