

Conference Program at a glance Tuesday, February 11, 2025

The Westin Grand Hotel Munich
Event Room: Sydney

Day 1

in-adhesives

Symposium on Innovations in
Adhesives and their Applications

February 4, 2025

18:30 - 20:00 Monday, Feb. 10, 2025 | Get-together | Best Brews Bar | Four Points by Sheraton Munich Arabellapark

WELCOME BY CHAIR: Univ.-Prof. Dr.-Ing. Paul Ludwig Geiß; RPTU University of Kaiserslautern-Landau

09:00



Erwin Honcoop; Cargill; NL-Gouda
Novel Recycled Based Polyols
Raising the Bar for more Demanding Polyurethanes Adhesives

09:25



Tom Leemans; Kaneka Belgium; BE-Westerlo-Oevel
MS Polymer™ - Sustainable Foil Adhesive for the Building Envelope

09:50



Tom Claessen; Avantium Renewable Polymers; NL-Amsterdam
Cure Behavior of Furanic Humins a 100% Biobased Thermoset

10:15 - 10:45 **REFRESHMENT BREAK**

10:45



Dr. Yuan Lu; L&L Products Inc.; US- Romeo / MI
Ambient-Curable, Crash Toughened Structural Adhesives with Properties Closer to Heat-Activated Adhesives

11:10



Klaus Kresser; Plasmatrete; DE-Steinhagen
Replacement of Solvent-Based Primers using Openair-Plasma® for Adhesive Bonding

11:35



Dr. Thomas D. Michl; University of Applied Sciences & Arts Northwest Switzerland FHNW; CH-Windisch
Enhancing Aluminum-Adhesive Bonding for Automotive use via Atmospheric Plasma Polymer Primers

12:00 - 13:30 **LUNCH**

WELCOME BY CHAIR: Prof. Dr. Christian Lammel; IFF GmbH

13:30



Volkan Yavuz; TRUMPF Laser- und Systemtechnik; DE-Ditzingen
Variety of Laser based Surface Treatment – Cleaning, Ablation, Structuring and Functionalization

13:55



Tobias Weichert; clean-Lasersysteme; DE-Herzogenrath/Aachen
Cleaning with Laser Light - Sustainable and Long-Term Stable Surface Preparation of Metal Parts on Functional Areas for Adhesive Bonding

14:20



Stefan Küchler; LUM; DE-Berlin
Comprehensive Multi-Sample Adhesion Testing of High-End Components for the Energy Supply of Tomorrow

14:45 - 15:15 **REFRESHMENT BREAK**

15:15



Jens Philipp; University of Braunschweig / IFS; DE-Braunschweig
Fiber-Reinforced Adhesives - Analysis, Simulation and Modification of their Anisotropic Properties

15:40



Marco Rodriguez; B.A.T. BetterAdhesiveTracking GmbH; DE-Frankfurt am Main
IOT in the Adhesive World – Tracking and Documentation of Bonding Processes

16:05



Dr. Hartwig Lohse; KLEBTECHNIK Dr. Hartwig Lohse; DE- Breitenberg
Adhesive Bonding in the Circular Economy – Contradiction or Opportunity

18:30 - 23:00 **NETWORKING DINNER | PAULANERS WIRTSHAUS | WESTIN GRAND HOTEL**

Table Top Exhibition

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