

Conference Program at a glance Wednesday, February 7, 2024

Day 2

in-adhesives


Symposium on Innovations in
Adhesives and their Applications

The Westin Grand Hotel Munich
Event Room: **Garmisch-Partenkirchen**

01.02.2024

WELCOME BY CHAIR: Elisabeth Stammen; University of Braunschweig


08:30  Kevin Braun; Molecular Plasma Group; LU-Foetz
Molecular Plasma – Solving Bonding Challenges with Solvent-Free Functional Coatings


08:55  Klaus Kresser; Plasmatreat Schweiz; CH-Diepoldsau
Openair-Plasma® in Semiconductor Manufacturing

09:20  Prof. Dr. Christof Brändli; ZHAW - Zurich University of Applied Sciences; CH-Winterthur
Molecular Bonding and Debonding Through the use of Plasma and Metal Ions

09:45 - 10:15 REFRESHMENT BREAK


10:15  Michael Griese; University of Braunschweig; DE-Braunschweig
Consideration of the Viscous Fingering Effect in Numerical Simulations of Structural Adhesive Bondlines Underlying CTE-Mismatch Effects

10:40  Luiz G.M. Lise*², Fabian Nowacki²; ar engineers; DE-Hamburg
Francis M.G. Ramírez¹, Joachim Hausmann¹; Leibniz-Institut für Verbundwerkstoffe DE-Kaiserslautern
Bondline Thickness Effect on the Tensile Fracture Toughness of Adhesively Bonded Joints

11:05  Sven Wiemer; Schill+Seilacher "Struktol"; DE-Hamburg
Sustainability - Two Projects / Thoughts

11:30 - 13:00 LUNCH

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

13:00  Kevin Cox; L&L Products Inc.; US- Romeo / MI
Two-Part Bio-Based Foaming Thermoset Polymer

13:25  Dr. Giulia Mannoni; ELANTAS Europe; IT-Lemignano/Collecchio
Bio-Based Epoxy Adhesives: High Performance with an Eye on the Planet

13:50  Tom Leemans; Kaneka Belgium; BE-Westerlo-Oevel
MS Polymer Based Alternative for Cementitious Powder Adhesives

14:15 - 14:45 REFRESHMENT BREAK

14:45  Dr. Bernhard Seidl; AGRANA Research & Innovation Center; AT-Tulln
Modified Starches: Sustainable Innovations for Water-Based Adhesives

15:10  Anja Baumann; Elementis Services; DE-Köln
Rheology for Future - Our Journey Towards More Sustainable Systems and Greater Performance

15:35  Joachim Schöck; Medmix Switzerland; CH- Haag
Sustainability in The Mixing Process – How is it Possible?

16:00 FAREWELL

