



45. Munich Adhesives and Finishing Symposium **HYBRID**

MONDAY October 26, 2020 | Room Sydney, Westin Hotel Munich |

08:30 **OPENING ZOOM PLATFORM AND IT-CHECK**

08:55 WELCOME ADDRESS **Stephan Hinterwaldner - MKVS**

09:00 **OPENING SESSION KEYNOTES**

IVK - GERMAN ADHESIVES ASSOCIATION - DR. VERA HAYE
The Green Deal and its Impact to the Adhesives Industry

09:40 DFTA TECHNOLOGY CENTER AT STUTTGART MEDIA UNIVERSITY - PROF. DR. MARTIN DREHER
Intelligence Saves Costs! What REALLY Counts in Terms of Print Quality!

10:20 Q&A / Break

10:30 Welcome by Chair: **WOLFGANG MILDNER - MSWtech**

10:30 COPERION - MARKUS FIEDLER
Reactive Extrusion of Adhesives and Sealants in a Twinscrewextruder (ZSK)

10:55 Q&A / Break

11:00 ENTEX RUST & MITSCHKE - DR. THOMAS BIRR
Production of Adhesives on the Planetary Roller Extruder - A Contemplation of Resource Efficiency

11:25 Q&A / Break

11:30 MUNICH UNIVERSITY OF APPLIED SCIENCES - TOBIAS NIENKE
Simulation of Drying Processes in Conventional and Impingement Free Convection Dryers

11:55 Q&A / Break

12:00 HTI - HEAT TECHNOLOGIES INC. - Ph.D. GENE PLAVNIK
HTI Spectra HE™ Ultra Drying Systems. Recent Installations in Web Based Applications and Molded Fiber Products

12:25 Q&A / Break

Lunch / Break

14:00 Welcome by Chair: **PROF. DR. DANIEL EGGERATH - MESYS**

14:00 WESTPHALIAN UNIVERSITY OF APPLIED SCIENCES - SASCHA ROLLKA
LAOS-Measurement: How can it be Used for Material Characterization?

14:25 Q&A / Break

14:30 UNIVERSITY OF ALICANTE - PROF. JOSÉ MIGUEL MARTIN-MARTINEZ
Addition of Graphene Oxide During Waterborne Polyurethane Synthesis for Improving its Adhesion Properties

14:55 Q&A / Break

15:00 MOLECULAR PLASMA GROUP - MARC JACOBS
MolecularGrip™: A Leap Change in Solvent-Free Priming of Difficult-to-Bond Materials

15:25 Q&A / Break

15:30 MSWtech - WOLFGANG MILDNER
Electronics go 3D - From Printed Electronics to 3D Structural Electronics – Status and Roadmap for New Compact 3D Functional Applications

15:55 Q&A / Break

16:00 FRAUNHOFER INSTITUTE FOR PROCESS ENGINEERING AND PACKAGING IVV - DR. KLAUS NOLLER
Barrier Paper for Printed Electronics

16:25 Q&A / Break

16:30 **MEL KELLY – Stand-up-Comedian – 30 min Entertainment**



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08:30 **OPENING ZOOM PLATFORM AND IT-CHECK**

09:00 Welcome by Chair: **KATHARINA RAWERT - EVONIK OPERATIONS | SMART MATERIALS**

09:00 **CREATIVENETWORKCONSULTING - DR. PETER BARTH**
Biodegradability Sense or Nonsense

09:25 **Q&A / Break**

09:30 **ISEGA RESEARCH AND INVESTIGATION COMPANY - DR. RALF DERRA**
Assessment and Analysis of Adhesives for Food Packaging

09:55 **Q&A / Break**

10:00 **OLFASENSE - RITA RIBAU DOMINGUES**
Testing Off-Notes in Adhesive Products by Means of GC-Sniffing-MS Technique

10:25 **Q&A / Break**

10:30 **ISEGA RESEARCH AND INVESTIGATION COMPANY - DR. ULRICH ZANG**
Biodegradability and Compostability of Packaging Materials: Testing and Validation

10:55 **Q&A / Break**

11:00 **JOWAT - DR. HARTMUT HENNEKEN**
Compostable Adhesives for High-Gloss Lamination

11:25 **Q&A / Break**

11:30 **PACOOON - PETER DÉSILETS**
Sustainability in Packaging - Trends and Approaches around Paper and Plastics

11:55 **Q&A / Break**

Lunch / Break

13:30 Welcome by Chair: **NOEL MITCHELL - LABEL.FILM. & PACK SOLUTIONS**

13:30 **KRATON CHEMICAL - DR. JEROEN VAN HERRIKHUYZEN**
Novel Bio-based Liquid Tackifier for Food Contact Adhesive Applications

13:55 **Q&A / Break**

14:00 **HENKEL - HELGA GARMANN**
Breaking up with Epoxy Silanes - Consequences & Solutions in Food Packaging

14:25 **Q&A / Break**

14:30 **LANXESS - ABIGAIL HOGDSON**
Further Advancements in Low Free Isocyanate Monomer Prepolymer Design for Reactive Adhesive Systems

14:55 **Q&A / Break**

15:00 **EVONIK OPERATIONS | SMART MATERIALS - DR. SEBASTIAN BABIK**
VESTOPLAST® - Beyond Hot Melts - New Application Concepts for APAOs

15:25 **Q&A / Break**

15:30 **SYNTHOMER DEUTSCHLAND - DR. KRISTIN SCHÖNE**
Water-Based PSAs as Solvent-Based Replacements for Automotive Tapes

15:55 **Q&A / Break**

16:00 **VITO IRMEN - FABRIZIO MALEK**
Changes in Flame Retardancy – The Development of Flame-Retardant, Halogen-Free Adhesive Tapes

16:25 **Q&A / Break**

16:30 **MUNICH UNIVERSITY OF APPLIED SCIENCES - PROF. DR. DIRK BURTH* and WEST POMERANIAN UNIVERSITY PROF. DR. ZBIGNIEW CZECH**
Structural PSA Tapes: Research, Development and Application

16:55 **Q&A / Break**

17:00 **FINAL REMARKS** Stephan Hinterwaldner - MKVS