

## PROGRAM

Tuesday, February 18, 2020

The Westin Grand Hotel / Meeting Room: Sydney  
Arabellastr. 6, 81925 München / Germany

08:00 h Registration open  
08:45 h Welcome and Introduction

**Chair: Dr. Hartmut Henneken; Jowat**



09:00 – 09:25 h  
Dr. Ralf Wyrwa  
Innovent e.V., DE-Jena  
**NOVEL RESORBABLE HYDROGELS AND ADHESIVES BASED ON LEVAN**



09:25 – 09:50 h  
Francois Martin  
Elkem Silicones; DE-Lübeck  
**VERSATILE INNOVATIVE ADHESIVES FOR MEDICAL IMPLANTS**



09:50 – 10:15 h  
Dr. Klaus Kruttwig  
INM – Leibnitz Institute for New Materials; DE-Saarbrücken  
**MICROSTRUCTURED ADHESIVES FOR SKIN ADHESION:  
TECHNICAL REALIZATION AND IMPLEMENTATION OF A REGULATORY STRATEGY**

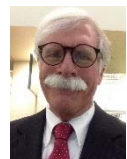
10:15 – 10:45 h Refreshment Break



10:45 – 11:10 h  
Rendert de Vos  
Kraton Chemical; NL-Almere  
**KRATON INNOVATION CONTRIBUTES TO SUSTAINABLE ADHESIVES**



11:10 – 11:35 h  
Dr. Danny Antes  
Synthomer; DE-Marl  
**WATERBORNE ACRYLIC DISPERSIONS AS CONTACT ADHESIVES FOR FOAM BONDING**



11:35 – 12:00 h  
Nick Fowler  
REXtac; US-Odessa, TX  
**ADHESION PROPERTIES OF SINGLE-COMPONENT AMORPHOUS POLY ALPHA-OLEFIN  
PRESSURE SENSITIVE ADHESIVES**



12:00 – 12:25 h  
Yu Yamamoto and Takashi Okura  
Toyobo Chemical Europe; DE-Düsseldorf  
**INTRODUCTION OF "VYLON" CO- POLYESTER FOR APPLICATION IN ADHESIVES AND  
COATINGS**

12:30 – 14:00 h Lunch

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### Chair: TBA



14:00 – 14:25 h  
Dr. Martin Brandtner-Hafner  
FRACTURE ANALYTICS; AT-Mörbisch  
**DAMAGE TOLERANCE BEHAVIOR OF STRUCTURAL ADHESIVES:  
INTRODUCING A NOVEL CONCEPT FOR ASSESSING BONDING SAFETY**



14:25 – 14:50 h  
Jens Philipp  
Technische Universität Braunschweig / Institute of Joining and Welding; DE-Braunschweig  
**NOVEL APPLICATIONS OF IN-SITU CT MEASUREMENTS IN ADHESIVE TECHNOLOGY**



14:50 – 15:15 h  
Marc Jacobs  
Molecular Plasma Group; LU-Luxembourg  
**MOLECULAR PLASMA TECHNOLOGY: SOLVENT-FREE GRAFTING OF ORGANIC  
CHEMISTRY ON INERT AND SENSITIVE MATERIALS**

15:15 – 15:45 h Refreshment Break



15:45 – 16:10 h  
Dr. Christiane Kothe  
Technische Universität Dresden / Institute of Building Construction; DE-Dresden  
**THIN GLASS COMPOSITE PANELS: INVESTIGATION OF THE ADHESIVE JOINT  
BETWEEN 3D-PRINTED POLYMER CORE AND GLASS**



16:10 – 16:35 h  
Dr. Hartmut Henneken  
Jowat; DE-Detmold  
**CARRIERLESS REACTIVE PUR-HM TAPE FOR EDGE-BANDING APPLICATIONS**



16:35 – 17:00 h  
Univ.-Prof. Dr.-Ing. Paul-Ludwig Geiß  
University of Kaiserslautern / AWOK-Workgroup Materials and Surface Technologies  
DE-Kaiserslautern  
**DEBONDING OF ADHESIVE JOINTS - A REVIEW OF AVAILABLE TECHNOLOGIES IN THE  
PERSPECTIVE OF CIRCULAR ECONOMY**

18:30 h Networking Dinner at the restaurant "Hirschau im Englischen Garten", München

TABLE  
TOPS



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Wednesday, February 19, 2020

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08:00 h Registration Open  
08:55 h Welcome and Introduction

**Chair: Sven Wiemer; Schill+Seilacher "Struktol"**



09:00 – 09:25 h  
Dr. Andrea Battisti  
Omya International; CH-Oftringen  
**MIND THE WATER: UNDERSTANDING HOW WATER AND CALCIUM CARBONATE INTERACT IN ADHESIVES AND SEALANTS MANUFACTURING**



09:25 – 09:50 h  
Dr. Leif Ickert  
Evonik Resource Efficiency; DE-Marl  
**NOVEL ULTRA-FAST CURING AGENT FOR ADHESIVES APPLICATIONS**



09:50 – 10:15 h  
Tom Berckmans  
Cardolite Specialty Chemicals Europe; BE-Gent  
**INTRODUCTION OF NEW CNSL DERIVATIVES FOR ADHESIVE APPLICATIONS**

10:15 – 10:45 h Refreshment Break



10:45 – 11:10 h  
Dr. Maria Martinez Velencoso  
Kuraray Europe; DE-Hattersheim am Main  
**LIQUID RUBBERS FOR ADHESIVES AND SEALANTS APPLICATIONS**



11:10 – 11:35 h  
Jean-François Chartrel  
Bostik Smart Technology Centre; FR-Venette  
**INNOVATION SOLUTION TO BOND ON DEMAND, BORN2BOND™ STRUCTURAL (TWO-COMPONENT HYBRID CYANOACRYLATE)**



11:35 – 12:00 h  
Kai Paschkowski  
Sika Automotive Hamburg GmbH; DE-Hamburg  
**BONDING OF CRITICAL SUBSTRATES ON ASSEMBLY LINE AND REPAIR OF CAR BODY STRUCTURES WITH AUTOMOTIVE APPROVED INNOVATIVE 2C SOLUTION CONCEPTS**

12:00 – 13:30 h Lunch

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Chair: Prof. Dr. Paul Ludwig Geiß; Uni Kaiserslautern



**KEYNOTE** 13:30 – 14:00 h  
Werner Focke  
Airbus Operations GmbH; DE-Bremen  
**METAL BONDING @ AIRBUS  
AT A GLANCE**



14:00 – 14:25 h  
Heinrich Leicht  
SKZ- German Plastics Center; DE-Würzburg  
**MODIFICATION OF SILICONE ADHESIVES USING ELECTRICALLY CONDUCTIVE  
FILLERS TO DISSIPATE ELECTRICAL OR ELECTROSTATIC CHARGES**



14:25 – 14:50 h  
Dr. Florian Klunker  
Huntsman Advanced Materials; CH-Basel  
**ADHESIVES CONTAINING MIRALON™ PULP: UNIQUE ROUTE TOWARDS CONDUCTIVE  
STRUCTURAL ADHESIVES**

14:50 – 15:20 h Refreshment Break



15:20 – 15:45 h  
Olivier Defrain  
Total Cray Valley; FR-Saint-Avold  
**DAMPING MATERIALS BASED ON LIQUID POLY(BUTADIENE)S: STRUCTURE-PROPERTY  
RELATIONSHIPS**



15:45 – 16:10 h  
Dr. Jochen Britz  
Lohmann; DE-Neuwied  
**THERMAL CONDUCTIVE TAPES –  
TECHNOLOGY, FUNCTION AND APPLICATIONS**

16:10 – 16:15 h Final Remarks