P R O G R A M

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
Tuesday, February 18, 2020

Chair: TBA

14:00 – 14:25 h
Dr. Martin Brandtner-Hafner
FRACTURE ANALYTICS; AT-Möribisch
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 EDGEBANDING 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
### PROGRAM

**Wednesday, February 19, 2020**

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<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00 h</td>
<td>Registration Open</td>
</tr>
<tr>
<td>08:55 h</td>
<td>Welcome and Introduction</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 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                                                                     |
P R O G R A M

Wednesday, February 19, 2020

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): 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

TABLE TOPS

Bostik
DKSH
Nitto
REXtac