

2020

in-adhesives

Symposium on Innovations in
Adhesives and their Applications

Munich, February 18-19, 2020

Adhesives of the Future –
Future of **Adhesives**

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

in-adhesives.com

Tuesday, February 18, 2020

08:00
08:45

REGISTRATION OPEN
WELCOME AND INTRODUCTION

Chair: Dr. Hartmut Henneken; Jowat

09:00 – 09:25

NOVEL RESORBABLE HYDROGELS
AND ADHESIVES BASED ON LEVAN



Dr. Ralf Wyrwa

Innovent e.V.
DE-Jena

09:25 – 09:50

VERSATILE INNOVATIVE ADHESIVES
FOR MEDICAL IMPLANTS



Francois Martin

Elkem Silicones
DE-Lübeck

09:50 – 10:15

MICROSTRUCTURED ADHESIVES
FOR SKIN ADHESION: TECHNICAL
REALIZATION AND IMPLEMENTATION
OF A REGULATORY STRATEGY



Dr. Klaus Kruttwig

INM – Leibnitz Institute for New Materials
DE-Saarbrücken

10:15 – 10:45

REFRESHMENT BREAK

10:45 – 11:10

KRATON INNOVATION CONTRIBUTES
TO SUSTAINABLE ADHESIVES



Rendert de Vos

Kraton Chemical
NL-Almere

11:10 – 11:35

**WATERBORNE ACRYLIC DISPERSIONS
AS CONTACT ADHESIVES FOR FOAM
BONDING**



Dr. Danny Antes

Synthomer
DE-Marl

11:35 – 12:00

**ADHESION PROPERTIES OF SINGLE-
COMPONENT AMORPHOUS POLY
ALPHA-OLEFIN PRESSURE SENSITIVE
ADHESIVES**



Nick Fowler

REXtac
US-Odessa, TX

12:00 – 12:25

**APPLICATION OF CO-POLYESTER RESIN
VYLON® AND ITS NOBEL WATER
SOLUBLE RESIN**



**Takashi Okura
and Yu Yamamoto**

Toyobo Chemical Europe
DE-Düsseldorf



12:30 – 14:00

LUNCH

Chair: Jan Scheffel, Saint-Gobain PPL Biolink

14:00 – 14:25

**DAMAGE TOLERANCE BEHAVIOR OF
STRUCTURAL ADHESIVES:
INTRODUCING A NOVEL CONCEPT FOR
ASSESSING BONDING SAFETY**



Dr. Martin Brandtner-Hafner

FRACTURE ANALYTICS
AT-Mörbisch

14:25 – 14:50

**NOVEL APPLICATIONS OF IN-SITU
CT MEASUREMENTS IN ADHESIVE
TECHNOLOGY**



Jens Philipp

Technische Universität Braunschweig
Institute of Joining and Welding
DE-Braunschweig

Tuesday, February 18, 2020

14:50 – 15:15



A UNIQUE SURFACE FUNCTIONALIZATION TECHNOLOGY ENABLING ADHESION, RELEASE, BIO-MOLECULE IMMOBILISATION AND MUCH MORE....

Marc Jacobs

Molecular Plasma Group
LU-Luxembourg

15:15 – 15:45

REFRESHMENT BREAK

15:45 – 16:10



THIN GLASS COMPOSITE PANELS: INVESTIGATION OF THE ADHESIVE JOINT BETWEEN 3D-PRINTED POLYMER CORE AND GLASS

Dr. Christiane Kothe

Technische Universität Dresden
Institute of Building Construction
DE-Dresden

16:10 – 16:35



CARRIERLESS PUR HOTMELT ADHESIVE TAPE FOR EDGE-BANDING APPLICATIONS

Dr. Hartmut Henneken

Jowat
DE-Detmold

16:35 – 17:00



DEBONDING OF ADHESIVE JOINTS - A REVIEW OF AVAILABLE TECHNOLOGIES IN THE PERSPECTIVE OF CIRCULAR ECONOMY

Univ.-Prof. Dr.-Ing. Paul-Ludwig Geiß

University of Kaiserslautern / AWOK-Workgroup
Materials and Surface Technologies
DE-Kaiserslautern

18:30

NETWORKING DINNER

at the restaurant
„Hirschau im Englischen Garten“, München

Wednesday, February 19, 2020

08:00
08:55

REGISTRATION OPEN
WELCOME AND INTRODUCTION

Chair: Sven Wiemer; Schill+Seilacher „Struktol“

09:00 – 09:25



MIND THE WATER: UNDERSTANDING HOW WATER AND CALCIUM CARBONATE INTERACT IN ADHESIVES AND SEALANTS MANUFACTURING

Dr. Andrea Battisti

Omya International
CH-Oftringen

09:25 – 09:50



NOVEL ULTRA-FAST CURING AGENT FOR ADHESIVES APPLICATIONS

Dr. Leif Ickert

Evonik Resource Efficiency
DE-Marl

09:50 – 10:15



INTRODUCTION OF NEW CNSL DERIVATIVES FOR ADHESIVE APPLICATIONS

Tom Berckmans

Cardolite Specialty Chemicals Europe
BE-Gent

10:15 – 10:45

REFRESHMENT BREAK

10:45 – 11:10



LIQUID RUBBERS FOR ADHESIVES AND SEALANTS APPLICATIONS

Dr. Maria Martinez Velencoso

Kuraray Europe
DE-Hattersheim am Main

Wednesday, February 19, 2019

11:10 – 11:35



**INNOVATION SOLUTION TO
BOND ON DEMAND
BORN2BOND™ STRUCTURAL
(TWO-COMPONENT HYBRID CYANO-
ACRYLATE)**

Jean-François Chartrel

Bostik Smart Technology Centre
FR-Venette

11:35 – 12:00



**BONDING OF CRITICAL SUBSTRATES
ON ASSEMBLY LINE and
REPAIR OF CAR BODY STRUCTURES
WITH 2C SOLUTION**

Kai Paschkowski

Sika Automotive Hamburg GmbH
DE-Hamburg

12:00 – 13:30 LUNCH

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

13:30 – 14:00



**KEYNOTE
METAL BONDING @ AIRBUS
AT A GLANCE**

Werner Focke

Airbus Operations
DE-Bremen

14:00 – 14:25



**MODIFICATION OF SILICONE ADHESIVES
USING ELECTRICALLY CONDUCTIVE
FILLERS TO DISSIPATE ELECTRICAL OR
ELECTROSTATIC CHARGES**

Heinrich Leicht

SKZ – German Plastics Center
DE-Würzburg

14:25 – 14:50



**ADHESIVES CONTAINING MIRALON®
PULP: UNIQUE ROUTE TOWARDS
CONDUCTIVE STRUCTURAL ADHESIVES**

Dr. Florian Klunker

Huntsman Advanced Materials
CH-Basel

14:50 – 15:20

REFRESHMENT BREAK

15:20 – 15:45



**DAMPING MATERIALS BASED ON LIQUID
POLY(BUTADIENE)S:
STRUCTURE-PROPERTY RELATIONSHIPS**

Olivier Defrain

Total Cray Valley
FR-Saint-Avold

15:45 – 16:10



**THERMAL CONDUCTIVE TAPES -
TECHNOLOGY, FUNCTION AND
APPLICATIONS**

Dr. Jochen Britz


Lohmann
DE-Neuwied

16:10 – 16:15

FINAL REMARKS

TABLE TOPS





MKVS GbR
Dipl.-Kfm. Stephan Hinterwaldner
Marktplatz 9
85614 Kirchseeon
GERMANY

contact@in-adhesives.com