Instructions for participation

Date
October 29–30, 2025

Venue
Fraunhofer IFAM, Wiener Strasse 12, 28359 Bremen, Germany

The participation fee is 910 € and includes

- Digital Conference documents
- Snack lunches and refreshments at breaks
- Certificate of participation

Hotel accommodation
Accommodation can be booked at a special rate at:
ATLANTIC Hotel Universum, Wiener Strasse 4, 28359 Bremen, Phone +49 421 2467-0, reservierung.ahu@atlantic-hotels.de, www.atlantic-hotels.de
7THINGS my basic hotel, Universitätsallee 4, 28359 Bremen, Phone +49 421 69677-377, info@7things-hotel.de, www.7things-hotel.de
Depending on availability, please book directly at the hotel using the keyword 'Bremen Bonding Days'.

Registration
Please register here: www.ifam.fraunhofer.de/bremen-bonding-days
The invoice is issued by F&E Technologiebroker Bremen GmbH.

If you have any questions about registering, please contact:
Dr. Tanja Warratz
Phone +49 421 2246-616, tanja.warratz@ifam.fraunhofer.de

If you have any questions about invoicing, please contact:
info@tbbtraining.de

Bremen Bonding

For further information and registration, please see:
www.ifam.fraunhofer.de/bremen-bonding-days

Fraunhofer Institute for Manufacturing Technology and Advanced Materials IFAM

Wiener Strasse 12
28359 Bremen, Germany
www.bremen-bonding.com
www.ifam.fraunhofer.de/en
www.ifam.fraunhofer.de/adhesive-bonding

The event is organised in cooperation with Technologiebroker Bremen GmbH.

October 29–30, 2025

3rd Bremen Bonding Days

The Bremen Bonding Days meet the requirements of the continuous updating of bonding knowledge by the supervisors responsible for the bonding work.
www.bremen-bonding.com
www.ifam.fraunhofer.de/adhesive-bonding

3rd Bremen Bonding Days

The Bremen Bonding Days meet the requirements of the continuous updating of bonding knowledge

Wednesday, October 29, 2025

10:00 Registration and welcome

10:30 Start of the event

1 **Introduction**
Dr. Erik Meiß, Dr. Holger Fricke, Fraunhofer IFAM

2 **The contribution of CFD simulations to optimise adhesive application and mixing**
Julian Motzkau, Formenfrei 3D GmbH /
Dr. Morten Voss, Fraunhofer IFAM
CFD simulation – process optimisation – 3D-printing – static mixing – mixer nozzles

3 **Bonding in railway industry**
Uladzislau Bayarovich,Stadler Chemnitz GmbH
railway – polyurethane – series production – industrial application

4 **Inline quality control for energy-absorbing adhesive joint**
Gunnar Gunnarsson, McLaren Automotive Limited
automotive – series production – simulation – development process – design – quality control

Lunch break

5 **Adhesive bonding in advanced construction**
Husain Sahwan, Fadak Mehdi, BFG International
construction – joint design – environmental – sustainability – process

6 **Mastering adhesive performance: the power of additives in automotive and electronic applications**
Verena Boeckmann, BYK-Chemie GmbH
viscosity reduction – high thermal filler loadings – rheology control – silicone – epoxy – polyurethane

Coffee break

7 **Maximizing efficiency: the role of thermal interface materials in electronics**
Dr. Eric Hernandez, Bodo Möller Chemie GmbH
thermal interface materials – thermal management – electronics – gap pads – gap fillers

8 **Innovative adhesive solutions: paving the way for sustainability and advanced technology**
Dimitri Clément, Henkel Belgium nv – sa
NEO- and SMP-adhesives – high strength and elongation – osts – sustainability

approx. 05:30 pm: Information about evening event and return to hotel
from 7 pm: Expert discussions and networking in the historic Ratskeller Bremen

Thursday, October 30, 2025

09:00 Start of the event

9 **Cleaning, activation and coating with Openair-Plasma® technology**
Joachim Schüßler, Plasmatreat GmbH
atmospheric pressure plasma – bonding – painting – process optimization – surface treatment

10 **Debonding on demand of multimaterial assemblies**
Maxime Olive, LABORATORIES DIVISION – RESCOLL
eco innovation – existing debonding techniques – debonding primer – shoes – electronics – automotive

11 **Shifting from dyne inks to quantitative cloud-based control of cleaning and surface preparation operations**
Dr. Giles Dillingham, Brighton Science
cleaning – surface treatment – process control – reliability – surface energy

Coffee break

12 **Pain or gain – the new DIN 35255 is coming! Standardized quality requirements for composite processes**
Stefan Simon, Fraunhofer IFAM
DIN 35255 – standardization – composite processes

13 **Behavior of adhesives after aging in a hydrogen environment**
Matteo Pedemonte, Istituto Italiano della Saldatura
hydrogen – adhesives – testing – ageing – ebrittlement

Lunch break

14 **Advancing automotive adhesive joints: durability insights and debonding techniques**
Prof. Dr. Alireza Akhavan-Safar, Universidade do Porto
adhesive joints – automotive – durability analysis – debonding – fatigue performance

15 **Qualitative ecological sustainability assessment of adhesively bonded joints and structures – a new standardization project**
Prof. Dr. Andreas Groß, Fraunhofer IFAM
adhesive bonding technology in the context of the circular economy action plan – challenges and necessities – EU Waste Framework Directive – R-strategies – holistic ecological assessment of adhesive bonding technology

Summary and Farewell Greetings
FAREWELL COFFEE
Lab tour adhesive bonding at Fraunhofer IFAM for interested

approx. 4:00 pm: End of event

subject to change

Contacts

Dr. Erik Meiß
Head of the Training Center for Adhesive Bonding
Phone: +49 151 14601907
erik.meiss@ifam.fraunhofer.de

Dr. Holger Fricke
Head of Department for Adhesvie Bonding Technology
Fraunhofer IFAM
Phone: +49 151 29201676
holger.fricke@ifam.fraunhofer.de