

PROGRAMME

ZeDeMAB – Zero Defect Manufacturing for Adhesive Bonding **Workshop: Nondestructive Testing of adhesive bonding** *Challenges and best practices for the selection and application of NDT of the adhesive joint*

March 9 - 10, 2016

Fraunhofer IZFP – Campus E3 1, 66123 Saarbrücken - Germany

DAY 1: Wednesday March 9, 2016

17:00 **Welcome & Guided Tour at Fraunhofer IZFP**

19:00 **Diner**

DAY 2: Thursday March 10, 2016

NDT techniques for testing of adhesive bonds

09:00 **Ultrasound techniques (*T. Schwender*)**

09:30 **Air coupled ultrasound (*T. Waschkies*)**

10:00 **Thermographic techniques (*U. Netzelmann*)**

10:30 ***Coffee break***

11:00 **X-ray techniques (*C. Schorr*)**

Application examples

Adhesion testing in automotive industry (*B. Valeske*)

12:15 ***Lunch break***

Long term monitoring and future developments

13:30 **Ageing of adhesive bonds under environmental loads monitored by ultrasound techniques (*U. Rabe*)**

14:00 **Non-linear ultrasound techniques (*U. Netzelmann*)**

14:15 **Summary, outlook and open discussion**

15:00 **End of workshop / Networking drink**