

CAR BODY PAINTING 2023

40TH WORKSHOP

NOVEMBER 6-7, 2023, BAD NAUHEIM, GERMANY

SUNDAY, NOVEMBER 5, 2023

- 6.00 pm **Welcome Get-together**
- 7.00 pm **Traditional Dinner**

MONDAY, NOVEMBER 6, 2023

- 9.00 am **Welcome and conference introduction**
Andrea Huber, Automotive Circle, DE

- 9.15 am **KEYNOTE**
Climate neutrality – the new value creation. Transformation of the automotive industry
Dr. Jens Katzek, Automotive Cluster Ostdeutschland GmbH (ACOD), DE

ENVIRONMENTAL PROTECTION AND SUSTAINABILITY

- 9.45 am **Vision Zero Emission – Use of hydrogen in paint shop processes**
Dr. Stefan Fenchel, BMW Group, DE
- 10.15 am **New Basecoats under the aspects of sustainability and economy**
*Jan-Alexander Spiegel, Volkswagen Nutzfahrzeuge, DE;
Frank Zimmer, BASF Coatings GmbH, DE*
- 10.45 am ☕ **Coffee & contacts**
- 11.15 am **From data to value – How BASF creates CO₂ transparency in the automotive paintshop**
Tim Banik, BASF Coatings GmbH, DE
- 11.45 am **Climate-neutral production without additional costs: measures to electrify the paint shop while reducing overall energy consumption**
Dirk Gorges, Dürr Systems AG, DE
- 12.15 pm **A consideration on car body performance (squeaks and rattles) in case of environmental friendly e-coat introduction**
Keita Tsujii, Nissan Motor Co. Ltd, JP
- 12.45 pm 🍴 **Lunch**
- 2.00 pm **Oven Energy Reduction from Body Structure Changes – Project Update**
Dave Green, Jaguar Land Rover Limited, GB
- 2.30 pm **Sustainable Paintshop: a step towards circularity**
Pietro Bortolotto & Matteo Manduzio, Geico SPA, IT

OVERSPRAY-FREE PAINTING

- 3.00 pm **Simulation of overspray-free painting process**
Dr. Oliver Tiedje, IPA Fraunhofer Institut, DE
- 3.30 pm **Overspray-free solution PixelPaint update**
Jürgen Kristen, ABB AG, DE
- 4.00 pm ☕ **Coffee & contacts**

SATIN/MATTE SURFACES

- 4.30 pm **Experience and challenge with matte painting at Audi AG**
Magdalena Drewes, Dr. Alexandra Rost, Audi AG, DE

5.00 pm ⚙️ SHARED SOLUTIONS AREA satin/matte surfaces

- 6.30 pm **Get-together**
- 7.00 pm **Networking Night**



YOUR CONTACT

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CONFERENCE VENUE

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TUESDAY, NOVEMBER 7, 2023

8.30 am **SUCCESS PROJECTS**

Success conditions for a fast 4 wet conversion in Mirafiori

*Roberta Pecoraro, Stellantis, IT
Chiara La Mancusa, PPG Industries Italia, IT*

DIGITALIZATION AND AUTOMATIZATION

9.00 am Corrosion protection through e-coating – simulation of the process with 30 minutes effort

Gido Hoppe, Audi AG, DE; Dr. Muraleekrishnan Menon, ESS Engineering Software Steyr GmbH, AT

9.30 am Paintability – A Simulation Concept for Automotive Product Development

Niklas Sandgren, Industrial Path Solutions, SE

10.00 am ☕ Coffee & contacts

10.30 am Drop-o-Demand Digital Paint

*Kevin O'Connor, Axalta Coating Systems GmbH, DE
Angus Condie, Xaar, GB*

11.00 am Digital tool development for efficient field performance monitoring, big-data creation and remote analysis

Zoltan Horvath, Toyota Motor Europe NV/SA, BE

11.30 am Emerging Vision AI-Based Technologies for Automation in the Paint Shop: Simulation Tools and Automatic Defect Detection and Rework

Jorge Broto, Eines Vision Systems, ES

12.00 pm Automatic Sanding & Polishing System – Enhanced quality and labour efficiency

Michael Thomas, Ford-Werke GmbH, DE; Jose Luis Martinez, ICEMI S.L., ES

12.30 pm 🍴 Lunch

BEV – REQUIREMENTS AND SOLUTIONS

1.30 pm New requirements for corrosion protection of BEVs

Dr. Karsten Lessmann, Pfinder KG, DE

2.00 pm Sustainable and media-free laser pre-treatment and decoating in the automotive production

Jan Sommer, Clean-Lasersysteme GmbH, DE

2.30 pm Broad bake Structural Adhesive with a lower curing window meeting new body design requirements of electric vehicles

Heike Marhofer, Mercedes-Benz AG, DE; Dr. Felix Koch, DuPont Deutschland Holding GmbH & Co. KG, DE

3.00 pm End of conference

Subject to change (Status as of October 30, 2023)



Registration and Terms & Conditions at
WWW.AUTOMOTIVE-CIRCLE.COM