

# CAR BODY PAINTING 2019

JUNE 25-26, 2019

DETROIT/MICHIGAN, USA

CAR BODY PAINTING



## BEST-PRACTICE KNOW-HOW FOR EFFICIENT AND RELIABLE PAINT SHOPS

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The expectations on car body painting are rising. In addition to selecting the most appropriate corrosion protection, dealing with different substrates and ensuring the right appearance, other issues are becoming increasingly important: These include rising demands on the surface quality, ecological requirements for resource and energy efficiency production, as well as challenges posed by the integration of electrical vehicles.

From June 25-26, the Automotive Circle conference “Car Body Painting” invites its network of automotive paint experts to discuss and clarify this situation, and to provide you with well-founded insights into the state of the art in car body painting in current series production.

With **seven OEM presentations** on best-practice know-how and latest projects, OEM-hardware exhibits as well as reports on innovations from suppliers and research institutes, the conference perfectly equips you for the future.

Be part of this event and actively participate with your questions, discussions, and benchmark activities.

We are looking forward to welcoming you in Detroit!



Sabine Scharf

Sabine Scharf  
Presidium  
Automotive Circle, DE

# MEET THE LEADING OEM NETWORK

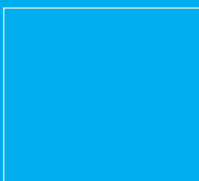
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**JOIN THE  
DISCUSSION**

# PROGRAM

**MONDAY, JUNE 24<sup>TH</sup>, 2019**

7:00 –

**9:00 pm** Get-together and pre-registration

**TUESDAY, JUNE 25<sup>TH</sup>, 2019**

**7:30 am** Registration and handover of conference documents

 **Coffee & breakfast snack**

**8:45 am** Welcome and introduction

*Sabine Scharf, Automotive Circle, DE*

## SMART PAINT SHOP: LATEST PROJECTS AND TECHNOLOGIES

**9:00 am** New Paint Shop Volvo Car Charleston, South Carolina

*Michael Hill, Volvo Cars, US*

**9:30 am** Smart-Flexible-Skidless: The New Paintshop in Kecskemet, Hungary

*Jorge Singman, Eisenmann Corporation, US*

**9:55 am** Paint Shop Innovations for the EV Industry and Special Demands in Sustainability, Health and Security

*Mike Boss, Dürr Systems, Inc., US*

**10:20 am**  **Coffee & contacts**

## PAINT APPLICATION AND FINISH: LATEST TECHNOLOGIES AND RESEARCH RESULTS

**10:50 am** The Future of Paint Shop 4.0 Automation

*Michael Nelson, ABB Inc., US*

**11:15 am** Model Predicting Droplet Size in Near Rotary Cup Breakup Using High Speed Imaging Techniques

*Ahmad Salameh, University of Kentucky, US*

**11:40 am** Minimizing Bubble Formation During Application of Coatings

*Prof. Mojgan Nejad, Michigan State University, US*

**12:05 pm** Polishing Process 4.0 – Manual Process with Digital Support

*Marco Petermüller, Visomax Coating GmbH, DE*

**12:30 pm**  **Lunch**

## SUSTAINABILITY: ENERGY AND RESOURCE EFFICIENCY SOLUTIONS

**1:30 pm** Establishing an Energy Management Culture in Paint

*Jonathan Nelson, Honda Manufacturing of Indiana, LLC, US*

**2:00 pm** Minimizing Water Usage and Waste in an Electrocoating Finishing System

*Chad Andreae, Therma-Tron-X, Inc., US*

**2:25 pm Sustainability as Part of Corporate Strategy – Insights into the Waste Water Free-Factory Audi México**

*Erich Auer, Audi México, MEX*

**2:55 pm Environmental Conscious Paint Shop**

*Henry Fulmer, BMW Manufacturing Co., LLC, US*

**3:25 pm ☕ Coffee & contacts**

### **AUTOMOTIVE COATINGS: TRENDS AND CHALLENGES**

**4:00 pm Trend for 2-tone Painted Vehicles is Making a Comeback ... and is Already Here**

*Elliot Sedleky, tesa tape, inc., US*

**4:25 pm 2-tone Paint Replacement with Body Color Film**

*Ulrich Kunze, 3M Deutschland GmbH, DE*

**4:50 pm Coatings and Autonomous Vehicles: The Coating as a Signal**

*Cristina Porcel Magnusson, SkanSense, ES*

**5:15 pm 👥 Get-together/Meet the speakers**

**6:30 pm Networking Night**

*Enjoy an evening with good food, drinks and music in a relaxed atmosphere and network with your international peers!*

## **WEDNESDAY, JUNE 26<sup>TH</sup>, 2019**

**8:00 am ☕ Coffee & breakfast snack**

### **OPTICAL APPEARANCE: BENCHMARK, MEASUREMENT AND OPTIMIZATION**

**8:45 am Appearance Benchmark Target Premium Segment**

*Henry Fulmer, BMW Manufacturing Co., LLC, US; Laura Gilbank, ArcelorMittal, US*

**9:15 am It's All About the Surface**

*Mark Lombardi, Konica Minolta Sensing Americas, Inc., US*

**9:40 am Optimization of Color Harmony through Data Share**

*Shawn Dvonch, Ford Motor Company, US; Rae Roby, Byk Gardner, US*

**10:10 am Inspection of car body parts and individual discussions with the experts**

*This session offers you the exclusive possibility to have a close look at the OEM-exhibits. Discuss with the experts the different approaches and ask your questions.*

**OEM  
HARDWARE**

11:00 am ☕ **Coffee & contacts**

11:30 am **Omnidirectional Structural Color Pigments for Automotive Application**

*Debasish Banerjee, Toyota Motor Engineering & Manufacturing North America, Inc., US*

### **SURFACE QUALITY: FILM THICKNESS AND DEFECT DETECTION**

12:00 pm **Multilayer Thickness Measurements with Terahertz Technology in Automotive Applications**

*Dr. Lars Anklamm, Helmut Fischer GmbH, DE*

12:25 pm **Remote Real Time Multispectral Inspection Techniques and Their Role in Monitoring the Painting Process**

*Ahmad Salaimeh, University of Kentucky, US*

12:50 pm 🍴 **Lunch**

1:50 pm **Automation and Quality Assurance in the Paint Shop Using 2D and 3D Measuring Systems**

*Robert Werny, Isra Vision AG, DE*

2:15 pm **Recent Advances in Automated Paint Defect Detection and Elimination**

*Dr. Kurt Häusler, Atensor Engineering and Technology Systems GmbH, DE; Gordon Arnold, Encore Automation Inc., US*

### **NEW SOLUTIONS IN CORROSION PROTECTION**

2:40 pm **Corrosion Inhibition Technologies for Vehicle Components**

*Dr. Michael Duncan, Daubert Chemical Company, US*

3:05 pm **Long-term Corrosion Protection of Mixed Material Car Body and Chassis Construction**

*Dr. Karsten Lessmann, Pfänder KG, DE*

3:30 pm **Conclusion, end of conference**

*Sabine Scharf, Automotive Circle, DE*

*Subject to change (status as of May 27<sup>th</sup>, 2019)*



**LIVE POLLS ON SITE**

Ask your specific questions on current issues corresponding to car body painting and benefit from the answers of the conference's expert audience!

# INFORMATION

## CONFERENCE FEES

Trust Rate: **1,399.00 USD\*** (for registrations received by March 24, 2019)

Early-Bird: **1,599.00 USD\*** (For registrations received by May 24, 2019)

Standard: **1,799.00 USD\***

For special prices, such as **Group Booking** and **Junior Participation**, please visit our website.

\* All prices net.

## CONFERENCE FEES INCLUDE

Fees including full conference participation: Authority for downloading the presentations on the internet, list of delegates, luncheons, coffee breaks and the participation in the Networking Night.

## CONFERENCE VENUE / HOTEL

The Westin Book Cadillac Detroit

1114 Washington Boulevard

Detroit, MI, 48226, United States

The price for accommodation is 189.00 USD, plus applicable state and local taxes. We kindly ask you to make your own hotel reservation by referring to our reference code „Automotive Circle“. For booking, please visit our website.



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## YOUR CONTACT

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