AUTOMOTIVE CIRCLE CONFERENCE

JOINING IN CAR BODY ENGINEERING 2022

MARCH 1-2, 2022 / ROYAL PARK HOTEL, ROCHESTER, MI, USA

CALL FOR SPEAKERS

JOINING THE AUTOMOTIVE REVOLUTION

It is no secret that the automotive industry is currently undergoing major changes – from the shift towards **e-mobility** and the increase in **digitalization** to a complete gear-change in the direction of **sustainability**. As a result, many aspects of automotive development as well as production need to be reimagined, redesigned, reimplemented.

Body shop joining technologies play a key role in supporting these changes. They enable the growing number of advanced mixed material and lightweight design concepts and the integration of new materials and additional components such as battery housings into car body structures, all of which have their own, new use cases and performance requirements.

At the same time, new sustainability targets must be met and a growing digitalization infrastructure implemented to maintain the right balance between production efficiency, cost efficiency and flexibility potential.

ABOUT THE CONFERENCE

Each year, the North American **Joining in Car Body Engineering conference** brings together our leading network of international engineering experts to share and discuss their latest technical progress reports and application-oriented innovations concerning all relevant joining technologies for series production in the body shop which are relevant to the North American market.

YOUR SPEAKING OPPORTUNITY

Topics for technical presentations are:

- reliable and cost-effective **mixed-material joining** innovations for more efficient **lightweight design** concepts
- **electrification**; joining solutions for EVs: optimizing the mix of joining technologies, making efficient changes in the production system
- **digital transformation**; your latest advancements in production data management (related to joining)
- **sustainability**: innovative solutions to diminishing process energy consumption and footprint, implementing materials recycling solutions (related to joining)
- welding innovations for **next generation high strength steels**
- joining solutions for **high-strength aluminum**
- joining solutions for 3D printed components/**additive manufacturing** materials
- optimizing the interaction of joining methods with **structural adhesives**
- enhancing **joint performance** in terms of strength and durability
- reducing the number of different necessary joining technologies, and extending the range of applications for a given joining technology
- improving joining speed, joint-to-joint cycle time, machine uptime and total throughput
- improving **CAE processes** pertaining to both product and process development
- **quality assurance** within the production process
- **non-destructive test methods**
- new **OEM projects**

We are very much looking forward to receiving your suggestion for a 25 minute, engineering-oriented, technical presentation of your latest innovations in the field of car body joining technology.

OEM ADVISORY BOARD: BMW Manufacturing Co. LLC, **Ford** Motor Company, **General Motors** Company, **Honda** Development & Manufacturing of America, **Mercedes-Benz** AG, **Stellantis**, **Volkswagen** AG

In cooperation with:
THE OHIO STATE UNIVERSITY

GENERAL INFORMATION FOR SPEAKERS

Presentation time is 25 minutes, followed by ca. 5 minutes for a Q&A.
Speakers are invited to attend the full conference.

Further dates:

Submission of title and abstracts:	**November 22, 2021**
Notification of acceptance:	**December 2021**
Publication of conference program:	**December 2021**
Submission of full presentation:	**February 11, 2022**

YOUR KEY-CONTACT

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