



**AUTO
MOTIVE
CIRCLE**

**CALL FOR
SPEAKERS**

FEB 24 – 25

JOINING IN CAR BODY ENGINEERING NORTH AMERICA

From megacastings to new battery architectures, from advanced materials to AI-driven production – the automotive industry is undergoing fundamental changes, which continue to reshape the industry. It is often the joining solutions that determine whether these changes can be realized efficiently, reliably, and at scale.

ABOUT THE CONFERENCE

Each year, engineering experts from all over the world meet in Rochester, Michigan in order to share the latest technical progress and application-oriented innovations in joining technology. The focus is on series production relevant to the North American market.

YOUR SPEAKING OPPORTUNITY

We are looking for presentations that highlight technical progress, practical applications, and innovative approaches in the following areas:

RELIABLE AND COST-EFFECTIVE JOINING SOLUTION FOR DIFFERENT MATERIALS, MATERIAL COMBINATIONS & STRUCTURES

- ✓ Castings, megacastings, and joining them to other materials
- ✓ Challenging dissimilar material combinations
- ✓ Next generation high strength steels
- ✓ Casting-to-casting applications

JOINING AND SEALING SOLUTIONS FOR BATTERY CASES AND VEHICLE ELECTRIFICATION

- ✓ Optimizing the mix of joining technologies for EVs
- ✓ Structural joining challenges in EV architectures
- ✓ Battery cases (panel or casting-based) and covers

PROCESS INNOVATION & QUALITY

- ✓ Advanced process simulation and digital validation of joining operations
- ✓ AI- and data-driven quality assurance
- ✓ Non-destructive testing technologies
- ✓ Novel concepts to increase production speed, robustness and cost-efficiency
- ✓ Influence of casting tool design and release agents on joinability
- ✓ Integration of joining innovations into digital and highly automated production environments

INTERESTED?

We look forward to receiving your proposal for a technical presentation and to welcoming you to the global community of joining experts in Rochester!

OEM ADVISORY BOARD

BMW Manufacturing Co. LLC, **Ford** Motor Company, **General Motors** Company, **Honda** Development & Manufacturing of America, **Mercedes-Benz** AG, **Rivian** Automotive, Inc., **Stellantis** N.V., **Volkswagen** AG, **Volvo** Car Company

Deadline to submit an abstract/presentation proposal:
October 13, 2025
Notification of acceptance: Beginning of November 2025
Publication of conference program: End of November 2025

All abstracts undergo a review process that includes the OEM Advisory Board of this conference.
Standard presentation time is 25 min + 5 min Q&A



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