

International Automotive
BODY
CONGRESS

JUNE 5-6, 2024

CENTRO CONGRESSI "CARLO BISCARETTI DI RUFFIA" At the MAUTO – MUSEO
DELL'AUTOMOBILE DI TORINO Corso Unità d'Italia n.40 10126 Torino, Italy

www.gamcinc.com

Agenda Below:

Duration of Each Presentation – 30 min.

June 4:

12:00 pm to 5:00 PM - Booth Set up.

June 5:

8:30 am - Registration

9:30 am - 11:00 am - Plenary Session, Chair - Antonio Casu, Italdesign

The Impact of AI on the Automotive Styling Design Process

Hu Jinchun, General Manager, JAC Italy Design Center

Reducing Complexity and Carbon Footprint in Electrification

Paul Brettnacher, Vice President, ArcelorMittal

The Future of Urban Mobility

Gianluca Forneris, Chief Executive Officer, CECOMP

11:00 am - 11:30 am Coffee Break

11:30 am - 1:00 pm - Plenary Session, Chair - Antonio Casu, Italdesign

How to be prepared for 2035, the automobile "re-evolution".

Gianfranco Pizzuto, Founder & Chief Executive Officer, Automobili Estrema

CO2e Analysis Case Studies of a New Cost Driver

Stefano Patisso, Chief Technical Officer (CTO), MEC srl

The Stellantis Circular Economy & Mirafiori Hub activities

Adriano Fabrizi, Head of CE Hub Mirafiori.

Stellantis

1:00 pm - 2:00 pm – Lunch

2:00 pm - 3:30 pm - Technical Sessions, Materials Solutions - Sub-Assembly Integration, Chair - Michele Maria Tedesco, Stellantis

Quench Distortion Reduction and Improved Toughness of Complex Hollow Extrusions Using Hollow Section Internal Cooling

Ala'aldin Alafaghani, PhD, Daniel Cooper, PhD

University of Michigan

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MBW® 1900 AS Pro – a high performance hot stamping grade with potential for further reduction in carbon footprint

Michael Linnepe, ThyssenKrupp

SILVAL alloys - Premium recycling aluminum alloys for a decarbonized and sustainable automotive industry

Ruggero Zambelli, RAFFMETAL

3:30 pm - 4:00 pm - Coffee breaks at the exhibit hall

4:00 pm - 5:00 pm - Materials Solutions - Sub-Assembly Integration, Chair - Alessandro Scattina, Politecnico di Torino

Electrification of the suspension to improve comfort, safety and vehicle efficiency - KEYNOTE.

Nicola Amati, PhD, Renato Galluzzi, PhD, Andrea Tonoli, PhD, Gennaro Sorrentino, PhD,
Politecnico di Torino

Secondary Flat Aluminum: towards the lightweight and decarbonization of automotive BIW components

Jean Lamontanara, MA | Gruppo CLN

Advanced HSLA steels pushing the limits.

Hardy Mohrbacher, PhD, NiobelCon BV

Caio Pisano, CBMM Europe

Bernardo Barile, CBMM Europe

5:30 pm - 6:00 pm - Discussions

6:00 pm – Adjournment

June 6:

8:30 am - Registration

9:00 am - 10:30 pm - Digital Manufacturing & Emerging Technologies, Chair, Mario Padovani, Baosteel

Stellantis Erwin® validation & application

Jacopo Tatti, Stellantis

Régis Alain, Gaming Engineering

Hot Stamping for Batteries

Jan Larson, AP&T

Laser Cutting Technology Advancement - Detailing Advantages of Coil Fed Laser Blanking

Jay Finn Sales Engineer / LaserCoil Product Manager

Nidec Automatic Feed Company

10:30 am – 11:00 am – Coffee Breaks at the exhibit hall

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11:00 am - 12:30 pm - Digital Manufacturing & Emerging Technologies, Chair- Giovanni Castiglione, Porsche

Baomarc's automotive parts manufacturing technology – roll forming technology, and the application and prospects of magnesium alloys in automotive parts

Zhuang Jianjun, Chairman, Boamarc

Application of casting aluminum alloy in new vehicle design to increase sustainability decreasing weight

Jacopo Tatti, Stellantis

Structural Thermal Interface Materials for Repairable and Efficient Thermal Management Solutions

Barbora Jurickova, DuPont Automotive

12:30 pm - 1:30 pm – Lunch

1:30 pm - 3:00 pm - Vehicle Battery and RESS Integration - Jesse Paegle, ArcelorMittal, Antonio Mara, Stellantis

Battery system in the chassis: thermal management and modularity

Angelo Bonfitto, Saulius Pasktys, Marco Maritano, Politecnico di Torino

Engineered to Reduce Cost and Environmental Footprint

Neil McGregor, Ricardo Engineering

In wheel motors for traction and vehicle stability Control

Nicola Amati, PhD, Lui Miguel Castellanos, PhD, Andrea Tonoli, PhD, Raffaele Manca, PhD, Politecnico di Torino

3:00 pm - 3:30 pm - Coffee breaks at the exhibit hall

3:30 pm - 5:00 pm - Vehicle Battery and RESS Integration, Michele Maria Tedesco, Stellantis

Development of novel battery system for a new, fully autonomous Mobility as a Service (MaaS) vehicle

Andrew Lloyd, Comau,

Solution of High Strength Steel Battery Pack and EVI Cases for Electric Vehicle

Han Fei, PhD, Baosteel

Steel-based concept body of electric SUV

Dae Young Kim, PhD, Hyundai Steel

5:00 pm - 5:30 pm - Discussions & Closing Remarks, **Nasim Uddin, PhD**

5:30 pm - Adjournment