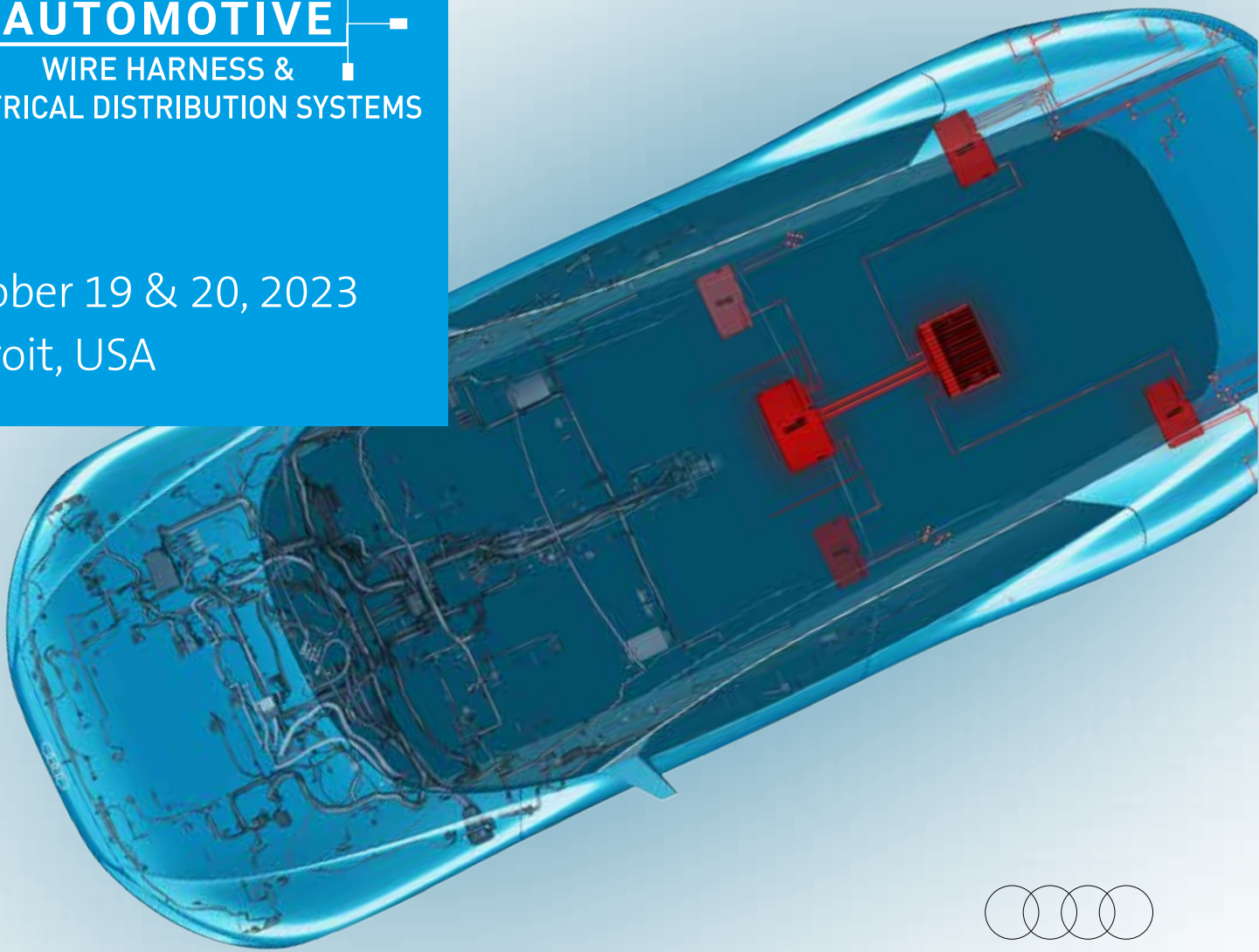


2nd US Conference

AUTOMOTIVE
WIRE HARNESS &
ELECTRICAL DISTRIBUTION SYSTEMS

October 19 & 20, 2023
Detroit, USA



Main Topics 2023:

- Zonal Architectures
- Busbar Connectivity
- Architecture Trends
- Automation
- EV Charging
- Crimp Quality
- Reliability & Validation

Speaker e.g.:



Martin Döhring
Head of Wiring
Systems Innovations,
Volkswagen



Ahmed Abou Gharam
Design for Reliability
Director,
Molex



Frédéric Holzmann
Head of Customer
Architecture & Product
Innovation,
LEONI



Galen Martin
Senior Principal R&D
Engineer,
TE Connectivity



Thomas Matthews
Engineering Manager –
Charging Inlets,
APTIV

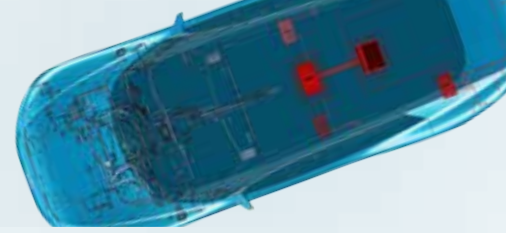


Matthew Schroeder
Chief Engineer Electrical
and Electronics,
Caresoft Global

A conference organized by:



ULTIMAMEDIA
PART OF  Süddeutscher Verlag

1st Day: Thursday, October 19, 2023

08:15 Arrival of participants, registration, networking in the exhibition area

09:20 Welcome, opening speech by Senad Melkic & Georg Sterler



09:30 Past – Present – Future: An OEM Perspective to the Changes in the Wiring Harness



Martin Döring, Head of Wiring Systems Innovations, Volkswagen AG

10:00 Connection System Design Considerations for 48V Wiring Harnesses



Kurt Seifert, Advanced Development Manager, APTIV

10:30 Busbar Connectivity in Automotive Systems



Xiaobao Geng, Staff R&D Product Development Engineer, TE Connectivity

11:00 Coffee Break & Networking in the Exhibition

11:30 Driving Efficient Zonal Architecture using Functional Integration into Zonal Computers



Frédéric Holzmann, Head of Customer Architecture & Product Innovation, LEONI Bordnetz-Systeme GmbH



Karlheinz Morgenroth, Head of Functional Safety, LEONI Bordnetz-Systeme GmbH

12:00 The Smart Way to a Zonal Wiring Harness



Gunnar Armbrecht, Manager HV System Engineering EMEA, Rosenberger Hochfrequenztechnik GmbH & Co. KG



Martin Zebhauser, Executive Vice President Data Connector, Rosenberger Hochfrequenztechnik GmbH & Co. KG

12:30 Joint Lunch & Networking

13:30 Innovative Solutions in High-Speed Cable Design to Fulfill Latest Automotive Standards



Tobias Kupka, Manager Wires Automotive, GG Group

14:00 1 kg Weight Reduction through Engineering Intelligence



Daniel Metzinger, Physical Layer Design Expert, SPREAD GmbH

14:30 Application of based recycled PET Compound for Automotive Wire Insulation



Florent Picot, Innovation Project Leader, ACOME

15:00 Coffee Break & Networking in the Exhibition

15:30 Reliability & Validation of Automotive Connectors



Ahmed Abou Gharam, Design for Reliability Director, Molex

16:00 Glass Fiber Optics – Mature Alternative in Emerging Automotive Data Networks



Thomas Theuerkorn, Senior Precision Mechanical Engineer at Corning Research and Development Associate, Corning

16:30 Does the Automotive Industry need Fiber to Reach 32Gbps?



Daniel Schwartzberg, Director Business Development and System Solutions, Valens

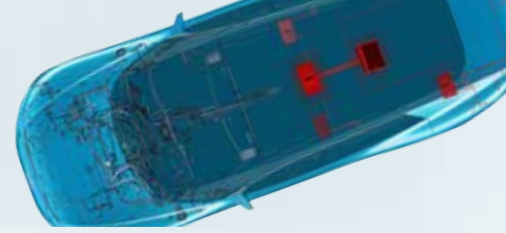
17:00 Hype or Hope? Our Journey to Harness the Potential of AI



Michael Grade, Product Owner Machine Learning, Leoni Bordnetz-Systeme GmbH

17:30 Get-together with fine food and drinks, Networking





2nd Day: Friday, October 20, 2023

08:50	Welcome by the chairman
09:00	Harness Trends in the Automotive Industry <i>Matthew Schroeder, Chief Engineer Electrical and Electronics, Caresoft Global Technologies Inc.</i>
09:30	SerDes-applications enabled by ASA: The Role of Robust Cable Solutions <i>Samay Kapoor, Senior Director of Business Management, AVIVA Links</i> <i>Sven Bergdolt, Product Manager Data Cables, LEONI Automotive Cable Solutions</i>
10:00	Full Automatic Insertion of Single Leads and Twisted-Pair <i>Tim MacAlpine, Managing Director, Komax Corporation</i>
10:30	Ultrasonic Metal Welding as enabling Technology for Optimized Electrical Connectors <i>Gustavo Garcia-Cota, Managing Director, Telsonic</i>

11:00	Coffee Break & Networking in the Exhibition
11:45	Electrical Interface Management of EV Charging Inlet Harnesses <i>Thomas Mathews, Engineering Manager – Charging Inlets, APTIV</i> <i>Garrett McIntyre, Technical Solutions Manager, APTIV</i>
12:00	Effect on Wire Quality on Crimp Performance <i>James Lowrie, Project Leader – Crimp, Molex</i>
12:30	Flat Flexible Circuitry in Automotive Systems <i>Galen Martin, Senior Principal R&D Engineer, TE Connectivity</i>
13:00	Closing Speech by Georg Sterler, Chairman
13:10	Joint Lunch & Networking

Members of the Advisory Board:




Aaron de Chazal
Manager, Product Development Engineering E-mobility, Charging Inlets, Americas Automotive, TE Connectivity



Eid Hage
Former Global Chief Engineer, Ford



Vijay Koshy
Engineering Director, Molex



Co-Chairman: Senad Melkic
Director North America, GG Cables and Wires USA, Inc.




Do Sohn
Global Director of Innovation, EDS, APTIV



Chairman: Georg Sterler
former Head of Wire Harness System Development, AUDI



Gary Taraski
former Senior Manager Wiring GSS-LT, Sub Components, Architecture, General Motors



Peter Van Wordragen
Head Product Development Americas, Leoni Wiring Systems Inc.



Eric Varton
VP of Engineering, Yazaki North America, Inc.

Please register online
www.eds-conference.com



2nd US Conference

AUTOMOTIVE WIRE HARNESS & EDS



Registration information

October 19 & 20, 2023

Event location & Accomodation

The Henry, Autograph Collection

Fairlane Plaza, 300 Town Center Dr,
Dearborn, MI 48126, USA

+1 313 441 2000, <https://www.behenry.com/>

Participation fee

The participation fee for the conference is:

Early Bird available until September 12	\$1,695
Regular Ticket	\$1,895
Group discount: x 3 (20%), x 4 (25%) p. p.	
OEM Early Bird (ends September 12)	\$850
OEM Standard (from September 13)	\$950

Services included in the participation fee

- Participation in the conference
- Conference documentation
- Refreshments in the breaks
- Lunch on both conference days
- Evening event on the first day of the event

Registration

We request your registration via Internet at www.eds-conference.com

Upon receipt of your written registration, you will be registered as a participant and will receive a written confirmation of registration as well as an invoice, which has to be paid before the to be paid before the start of the event. In case of cancellation after September 22, 2023 or in case of a No-show, the full registration fee will be charged. However, a substitute participant can be named. Cancellations before this date will be charged with 150 € administration fee. Cancellations and registrations must always be made in writing.
The organizer reserves the right to relocate, change or cancel the entire event or individual parts spatially and / or temporally to move, change or cancel at short notice.

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Registration and Organization

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