

# 1<sup>st</sup> International Conference

## **AUTOMOTIVE** WIRE HARNESS & ELECTRICAL DISTRIBUTION SYSTEMS

October 6 and 7, 2022  
Detroit, USA

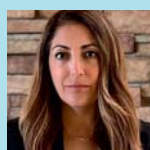


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### Main Topics 2022:

- Future electronics architecture and data rates
- Current developments and impact on onboard networks
- Advances in automation
- Guided, digital wiring harness development

### Speakers:



**Filodia Acho,**  
Complexity SME,  
Ford Motor Company



**Swarnjeet Dhaliwal,**  
Director New Business  
Development Electronics,  
Yazaki North America



**Frédéric Holzmann,**  
Head of EE Architecture  
and Product Innovation,  
LEONI Bordnetz-Systeme  
GmbH



**Glenn Reed,**  
Technical Expert,  
Ford Motor Company



**Do Sohn,**  
Global Director of  
Innovation, EDS,  
APTIV



**Christoph Schulz-Linkholt,**  
System Architect Power  
Distribution,  
Infineon Technologies

A conference organized by:



**ULTIMAMEDIA**  
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**1<sup>st</sup> Day: Thursday, October 6, 2022**

**09:00** Arrival of participants, registration, networking in the exhibition area

**09:45** Welcome address by the chairman, Georg Sterler



**10:00** Aptiv Smart Vehicle Architecture™ Addresses EDS Automation Challenges



*Do Sohn, Global Director of Innovation, EDS, APTIV*

**10:30** Centralized Electronic Architecture as Enabler for Harness Simplification



*Frédéric Holzmann, Head of EE Architecture and Product Innovation, LEONI Bordnetz-Systeme GmbH*

**11:00** Field Date-based Systemic Analysis of DC Charging Connector During High-Power Charging Considering Damage and Wear



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

**11:30** Coffee Break & Networking in the Exhibition

**12:00** Connection Technology for Large Aluminium Cross Sections



*Kamel Ben Moussa, Senior Engineer, Sumitomo Electric Industries (SEI) & SEI Automotive Europe GmbH*

**12:30** Ford EDS Wiring Sustainable Components & Applications



*Mohammed Michael Baydoun, EDS Component SME, Ford Motor Company*

**13:00** Joint Lunch & Networking

**14:00** High Voltage Wiring Evolution from round to flat Conductors (Bus Bars)



*Andrew Bohan, Busbar Product Line Engineer, APTIV*

**14:30** Chaoji – New DC Charging Standard



*Matthias Kübel, Standardisation of Conductive Charging System, Volkswagen AG*

**15:00** HV BEC/BDU



*Swarnjeet Dhaliwal, Electronics, Components, and Instrumentation, Yazaki North America, Inc.*

**15:30** Coffee Break & Networking in the Exhibition

**16:00** Evolution Instead of Revolution, with Copper on the way to Implementing 100G in Vehicle



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



*Michael Gordon, Director of Sales, High Speed Data Connectors - Americas, Rosenberger Hochfrequenztechnik GmbH & Co. KG*

**16:30** Complexity Analysis & Reduction Methods



*Filodia Acho, Complexity SME, Ford Motor Company*

**17:00** Semiconductor Switches as Safety Elements in High Available Power Distribution Systems



*Christoph Schulz-Linkholt, System Architect Power Distribution, Infineon Technologies*

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





**2<sup>nd</sup> Day: Friday, October 7, 2022**

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**08:25** Welcome – short review of Day 1

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**08:30** The Vulnerability of High-Speed Links and the Shielding Paradox



*Eyran Lida, CTO and Co-Founder, Valens*

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**09:00** Low Torsion Twisting – Equipment for a Stable Physical Layer in Data Transmission



*Simon Abegg, Director Product Group Twisting Machines, Komax AG*

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**09:30** A Digital Engineering Approach to Wire Harness Design Visualization and Collaboration



*Bob Potock, Vice President of Marketing, Zuken USA*

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**10:00** Battery Bussbar Modules



*Swarnjeet Dhaliwal, Electronics, Components, and Instrumentation, Yazaki North America, Inc.*

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**10:30** Coffee Break & Networking in the Exhibition

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**11:15** Pyrotechnic Fuses for HV Systems. An Indispensable Building Block for the further Development of E-Mobility



*Dietmar Haba, Group Leader Electrical Safety Product Development, Astotec Automotive GmbH*

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**11:45** Bracket Optimization Process and Design Considerations for Dynamic Environments



*Glenn Reed, Technical Expert, Ford Motor Company*

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**12:15** Virtual Validation of Wire Harnesses and Cables



*Karl Bangert, General Manager, fleXstructures North America*

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**12:45** Closing Speech by the chairman, Georg Sterler

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**13:00** Joint Lunch & Networking

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**Members of the Advisory Board:**



**Eid Hage**  
Global Chief Engineer,  
Ford Motor Company



**Vijy Koshy**  
Engineering Director,  
Molex



**David Scheffler**  
VP of Engineering,  
Yazaki North America, Inc.



**Mark Potesta**  
VP of Engineering and  
CTO of Automotive  
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**Steven Spadoni**  
Global Engineering  
Director, Electrical  
Center,  
APTIV

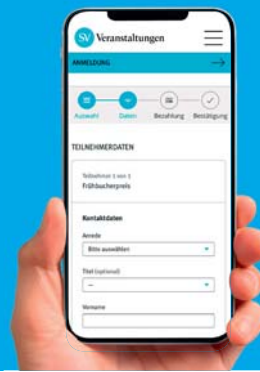


**Chairman:**  
**Georg Sterler**  
former Head of  
Wire Harness System  
Development,  
AUDI



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

Please register online  
[www.eds-conference.com](http://www.eds-conference.com)



1<sup>st</sup> International Expert Conference

## AUTOMOTIVE WIRE HARNESS & EDS



### Registration information

October 6 and 7, 2022

### 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 2	\$1,600
Regular Ticket	\$1,800
Group discount: x 3 (20%), x 4 (25%) p. p.	

### 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](http://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, 2022 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.

### Sponsors:

### Exhibitors/Supporters:



### Your contacts:



#### Registration and Organization

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#### Project Management

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