

## Call for Abstracts 2018 IEEE Standards Association (IEEE-SA) Ethernet & IP @ Automotive Technology Day

Dear Sir or Madam,

We are pleased to announce that this year's [IEEE-SA Ethernet & IP @ Automotive Technology Day](#) will be held **9-10 October 2018** at the [Olympia London](#), in London, England and will be hosted by [Jaguar Land Rover](#). The event is the number one venue for OEMs, suppliers, semiconductor vendors and other interested parties worldwide. Attendees will receive and share information, and actively participate in the latest developments in shaping Automotive Ethernet into a globally deployed, volume car automotive network.

The theme for 2018 is:

*“Automotive Ethernet Evolution: Faster or Cheaper?”*

The Program Committee is now calling experts from leading organizations to propose abstracts for this year's program. **Preference will be given to presentations that are not similar to those seen at other events.** Presentations must provide insights into developments, trends or solutions in respect to one or more of the following topics:

- Applicable use cases of Ethernet for automotive (ADAS, Autonomous vehicle, etc.)
- Role of Ethernet in future E/E architecture
- Reliability and quality of Ethernet communication
- Ethernet for volume production cars
- Cyber security for Ethernet
- Connectivity (OTA, V2X, IoT)

Additionally, you may submit an abstract for participation in the special panel session. This session will focus on debating the evolution of Ethernet: Faster or Cheaper? for the next level of challenges in the arena of Automated Driving, Electrification and Vehicular Connectivity.

During the general session, it is intended to allocate 30 minutes to each speaker for his or her presentation including 5 minutes Q&A at the end. However, if it improves the program, the Program Committee reserves the right to shorten this time. Presentation slides and presentation language must be English. Presenters must be fluent enough in English to understand questions from the audience and respond in English.

**To submit an abstract, please use the attached form.** Please fill in a descriptive title, keywords, and the description of the content in one page and indicate whether this abstract is for the general or special session. For keywords, please select applicable keywords from the list provided in the form.

Please send your completed abstract form to [eipatd-requests@ieee.org](mailto:eipatd-requests@ieee.org) by **1 May 2018**. You will be informed about the acceptance of your contribution in July 2018. **Final presentations will be required by 1 September 2018. Late submissions will be replaced.**

**NOTE: By submitting material to the 2018 IEEE-SA Ethernet & IP @ Automotive Technology Day, you grant permission for IEEE to use and distribute the material in connection with the event, and affirm that you are authorized to grant this permission. The final presentations will be posted on our event web site, [www.ethernettechnologyday.com](http://www.ethernettechnologyday.com), after the event for unrestricted distribution. The final presentations shall only contain material that can be distributed in this manner.**

If you are interested in an exhibit booth or sponsorship or need more information in general, please contact [eipatd-requests@ieee.org](mailto:eipatd-requests@ieee.org).

Sincerely,

Damon Martini (Robert Bosch), 2018 Program Committee Chair  
Josetxo Villanueva (Renault), 2018 Program Committee Vice-Chair

## Call for Abstracts Submission Form 2018 IEEE-SA Ethernet & IP @ Automotive Technology Day

### Guidelines for Abstract submission

1. Write the title of your presentation
2. Chose only **one** main topic
3. Select one or more keywords
4. Write the abstract
5. Submit completed form (2 pages) to [eipatd-requests@ieee.org](mailto:eipatd-requests@ieee.org) by **1 May 2018**

### 1) Title of your presentation:

### 2) Please choose the main topic of the abstract (only one). Enter number here: \_\_\_\_\_

1. Applicable use cases of Ethernet for automotive (ADAS, Autonomous vehicle, etc.)
2. Role of Ethernet in future E/E architecture
3. Reliability and quality of Ethernet communication
4. Ethernet for volume production cars
5. Cyber security for Ethernet
6. Connectivity (OTA, V2X, IoT)

### 3) Please select one or more keywords from the list below:

- |  |  |
|--|--|
| <input type="checkbox"/> Theoretical evaluation (pre product, specification) | <input type="checkbox"/> IPv4/6                      |
| <input type="checkbox"/> Implementation (practical)                          | <input type="checkbox"/> Microcontroller/DSPs        |
| <input type="checkbox"/> Standardization activity                            | <input type="checkbox"/> Simulation                  |
| <input type="checkbox"/> Mass production considerations, lessons learnt      | <input type="checkbox"/> Test and validation         |
| <input type="checkbox"/> Cabling & Connectors                                | <input type="checkbox"/> Overall network performance |
| <input type="checkbox"/> 10 Mbps Ethernet PHY                                | <input type="checkbox"/> Architecture                |
| <input type="checkbox"/> 100 Mbps Ethernet PHY                               | <input type="checkbox"/> Network design and tools    |
| <input type="checkbox"/> ≥1Gbps Ethernet PHY                                 | <input type="checkbox"/> Cyber security              |
| <input type="checkbox"/> Other PHY solutions                                 | <input type="checkbox"/> Applications, use cases     |
| <input type="checkbox"/> Ethernet switches                                   | <input type="checkbox"/> Market                      |
| <input type="checkbox"/> AVB/TSN   | <input type="checkbox"/> Strategy                    |
| <input type="checkbox"/> Software/AUTOSAR                                    | <input type="checkbox"/> Academic                    |
| <input type="checkbox"/> ASIL considerations                                 | <input type="checkbox"/> Architecture                |
| <input type="checkbox"/> Connectivity (OTA, V2X, IoT)                        | <input type="checkbox"/> Other                       |

### 4) Abstract (between 1/3 and 1 full page, approximately 200 – 600 words)