

Call for Abstracts 2017 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 **1-2 November 2017** at the **San Jose McEnery Convention Center, in San Jose, California, USA** and will be hosted by [USCAR](#). 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 2017 is:

“Automotive Ethernet: Enabling connectivity and self-driving”

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 connectivity and autonomous driving (safety, security concerns) and how Ethernet has solutions to address them.

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.

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. Do NOT include author(s) and affiliation(s) in the abstract. For the purpose of evaluating the proposed presentation anonymously, author(s), affiliation(s) and contact data should be included in the accompanying email only. Please also ensure that the organization's name is not part of the description. For keywords, please select applicable keywords from the list provided in the form.

Please send your completed abstract form to eipatd-requests@ieee.org by **1 May 2017**. You will be informed about the acceptance of your contribution in July 2017. **Final presentations will be required by 1 September 2017.**

NOTE: By submitting material to the 2017 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, 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.

Sincerely,

Damon Martini (Bosch), 2017 Program Committee Chair
Hiroyuki Matsumoto (Continental), 2017 Program Committee Vice-Chair

Call for Abstracts Submission Form 2017 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 (Do NOT include author(s) and affiliation(s) in the abstract. For the purpose of evaluating the proposed presentation anonymously, author(s), affiliation(s) and contact data should be included in the accompanying email only)
5. Submit completed form (2 pages) to eipatd-requests@ieee.org by **1 May 2017**

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"/> 100Mbps Ethernet PHY | <input type="checkbox"/> Architecture |
| <input type="checkbox"/> ≥1Gbps Ethernet PHY | <input type="checkbox"/> Network design and tools |
| <input type="checkbox"/> Other PHY solutions | <input type="checkbox"/> Cyber security |
| <input type="checkbox"/> Ethernet switches | <input type="checkbox"/> Applications, use cases |
| <input type="checkbox"/> AVB/TSN | <input type="checkbox"/> Market |
| <input type="checkbox"/> Software/AUTOSAR | <input type="checkbox"/> Strategy |
| <input type="checkbox"/> ASIL considerations | <input type="checkbox"/> Academic |
| <input type="checkbox"/> Connectivity (OTA, V2X, IoT) | <input type="checkbox"/> Architecture |
| <input type="checkbox"/> Other | |

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