

AESIN Conference 2021: Call for Papers Guidelines.

The **Call for Papers** for presentations for the AESIN Conference 2021 are **now open**.

Important Dates

Final Submission Deadline: Friday 23rd July 2021

Submissions can be made any time up until the final deadline.

Final Notifications: Friday 13th August 2021

We will endeavour to notify applicants as soon as reasonably possible and no later than the final notification date.

About the AESIN Conference 2021

The Government launched the “Road to Zero” strategy of having zero emissions from cars and vans by 2030, and the AESIN Network is helping the organisations which will develop the enabling technologies achieve this goal. In addition to electrification technology the ways in which ADAS & HAV, Connectivity & Security play a key role in achieving greener, safer and secure transport will also be a focus.

Now in its eighth year and established as the premier UK Automotive Electronics Conference, AESIN 2021 will be host to speakers from across the Automotive Industry and Government from the UK/Europe and beyond.

Thank you for your interest in speaking – we invite you to submit proposals on any subject matter which you feel is important, interesting or relevant across several Automotive themes.

Talk Themes

Conference attendees will be interested in business, technical, operational, and educational related themes.

These will include (but are not limited to):

- 1. Electrification (can apply to automotive & off-highway)**
 - a. RESS (Renewable Energy Storage Systems)
 - b. Power Electronics Machines
 - c. Drives
 - d. Charging
- 2. Software**
 - a. Data Privacy & Integrity
 - b. Standards & Standardisation
 - c. MBSE & Runtimes
- 3. Clean & Connected Mobility**
 - a. How will the information be graphically rendered in a vehicle?
 - b. How will the information used by powertrain improve efficiency?
 - c. How will vehicle sensor data contribute to smart cities of the future?
 - d. Explore the availability of communication technology that would allow connected vehicles to scale now i.e., not wait for ITS 5G or 5G roll out
- 4. Skills**
 - a. Exemplar case studies of industry academia cooperation and impact
 - b. Examples of successful STEM outreach programmes
 - c. Knowledge Transfer Partnerships case studies
 - d. Benefits of creating Doctoral training centres
 - e. Impact benefits and outcomes of funded collaborative R&D
- 5. ADAS & HAV**
 - a. Enabling the deployment of ADAS & AV features
 - b. Validation of safety and security goals
 - c. Sensor technology development and innovation

6. Cyber Security

- a. Operationalising Cyber Resilience engineering (The challenge for the Car OEMS and their supply chain to transform their Engineering practices and methods to achieve Security Goals required for Connected and highly Automated vehicles)
- b. Cyber Resilience legal and insurance (The Legal implications and responsibilities of the Car makers and their suppliers in the market of CAVs.)
- c. 3rd party access, data and software implants, developing the EcoSystem (Understanding the Data and Software Systems that will be at the heart of the CAVs and who owns / generates /maintains what data and how it will be accessed and used)

We are especially interested to hear real-world case studies/lessons learned – for example, delivering innovative technology solutions that provide cost effective solutions for Low Carbon, Connected and Automated Technology.

So What?

It's good you have something to say but be clear about your message to the audience – your talk may be good but if the audience is left with a feeling of “so what?” then we've failed. When making a submission make sure you spell out the key takeaways that you intend to leave with the audience and what will make it worth their while listening to you.

Submitting a Paper

To submit a paper presentation to be considered for the AESIN Conference 2021, please complete the submission form available from the website:

<https://aesinconference.com/call-for-papers-2021/>

with the following details:

- Presentation Theme
- Presentation Title
- Presentation Abstract
- Speaker Biography & Photo
- Key audience takeaways
 - Presentations are to be made in English.
 - **Please note that speaking slots are nominally 20 minutes in duration (inclusive of Q&A)**
- Once received, we will acknowledge receipt
- Submissions will be reviewed by representatives of AESIN at regular intervals and assessed on the content merit and relevance to the conference.
- Once reviewed, applicants will be contacted.

Guidance for Speakers

Abstracts must clearly detail the nature, scope, content, key points and significance of the proposed presentation to aid the assessment process.

The audience has come to hear a talk about a subject that is of interest to them. Direct or overt sales presentations are unwelcomed at this event and will not be accepted. It is acceptable to position where the talk is coming from – i.e., the company / individual and the area of interest you have.

It is standard practice to record talks at the AESIN conference and, at our discretion, publish after the event. The talk video will be made available to you to share on your channels, if you would not like your talk to be published you can let the conference team know prior to the event.

If you have any queries regarding the submissions process, please contact angela.tansey@techworks.org.uk