

# 6<sup>th</sup> European Workshop on Automotive, Reliability, Test & Safety (eARTS)

Chania, Greece  
May 28 - 29, 2026  
[cas.polito.it/eARTS](https://cas.polito.it/eARTS)



## Call for Contributions

Automotive electronics is an essential part of the semiconductor industry, especially with the advent of the autonomous driving. People will become 100% dependent on the proper operation of the electronic systems. The **6th European Automotive Reliability, Test and Safety Workshop (eARTS)** intends to focus on test, reliability, and safety of automotive electronics, including IC design, test development, generative AI, system-level integration, production testing, in-field test, diagnosis and repair solutions, cybersecurity, as well as architectures and methods for reliable, safe, and secure operation in the field. The eARTS Workshop offers a forum for **industry specialists** and **academic researchers** to present and discuss these challenges and emerging solutions.

**Topics:** You are invited to participate and submit your contributions to the eARTS Workshop. The Workshop's areas of interest include (but are not limited to) the following topics:

- **Generative AI for Automotive**
- **Automotive Design-for-Test: enable high quality at low cost**
- **Statistical post-processing, Machine Learning, and AI for test and reliability**
- **Latent defect activation during production testing**
- **Built-In Self-Test in automotive systems: digital, analog, mixed-signal**
- **Reuse of test infrastructure and New Product Development acceleration**
- **Dependability challenges of autonomous driving and e-mobility**
- **Functional safety and cyber-security**
- **Automotive standards and certification - ISO 26262, AEC-Q100**
- **Approximate computing for automotive**
- **Verification and validation of automotive systems**
- **Fault tolerance and self-checking circuits**
- **Aging effects on automotive electronics**
- **Power-up, power-down and periodic test**
- **System level test**
- **Functional and structural test generation**
- **Automotive production testing**
- **DPPB prediction models**

**Submissions:** eARTS'26 Workshop seeks for contributions of following types:

- **Work-In-Progress**, up to 2 pages
- **Extended abstracts**, up to 4 pages

Longer submissions will also be considered. Detailed submission instructions can be found at the Workshop's website: <https://cas.polito.it/eARTS/>. All submissions will be evaluated for selection with respect to their suitability for the workshop, originality, technical soundness, and presented results, if any. Presentations will be 15 minutes + 5 minutes Q&A.

**Publications:** The Workshop will make available to all participants an Electronic Workshop Digest, which includes the material that authors are willing to provide (papers, presentations, videos, etc.).

**Key dates:**

<b>Submission deadline</b>	<b>April 7, 2026</b>
<b>Notification of acceptance</b>	<b>April 15, 2026</b>
<b>Author registration</b>	<b>April 20, 2026</b>

**For further information:**

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