

IEEE RAS in AUTOMOTIVE SUMMIT

Politecnico di Torino, Turin, Italy | 5-6 Dec 2024

IEEE RAS in Automotive

Torino, Italy

December 5-6, 2024

ieee-ras.conferences.computer.org/2024

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Call for Contributions

A new international industry-focused summit that brings together academic researchers and industry technology leaders to share their vision and thought-leadership on the toughest Reliability, Availability and Serviceability (RAS) challenges facing the automotive market now and in the future. Emphasizing end-use and market ready solutions, RAS in Automotive is sponsored by the IEEE Computer Society in coordination with the Test Technology Technical Community (TTTC).

<https://ieee-ras-automotive.conferences.computer.org/2024/>

Topic Areas – You are invited to participate and submit your contributions to the RAS Summit. The workshop's areas of interest include (but are not limited to) the following topics:

- **Automotive Design-for-Test: enable high quality at low cost**
- **Dependability challenges of autonomous driving and e-mobility**
- **Functional safety and cyber-security**
- **Verification and validation of automotive systems**
- **Reuse of test infrastructure and New Product Development acceleration**
- **Monitoring Silicon Lifecycle management**
- **Advanced packaging and Chiplet technology**
- **Reliability of Power modules for Automotive**
- **Reliability of AI Architectures for Automotive**

The Summit will take place in Torino, Italy and is sponsored by the IEEE Computer Society in coordination with the Test Technology Technical Council (TTTC). The Summit looks for submission of regular contributions or special session proposals.

• **Regular papers:** 1-page abstract describing a single work addressing a relevant topic for the summit.

• **Special sessions:** 1-page abstract describing a specific special session, which could be in the form of panel discussion or proposing a set of three contributions connected by a relevant topic for the summit.

Submitted abstracts will be reviewed by a committee of renowned experts in the field and will be shortlisted. Authors of each shortlisted abstract are required to attend the workshop in-person for oral presentation(s).

Submissions at: <https://welcome.molesystems.com/ttc/RASAUTO/2024>.

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.). Outstanding contributions will be highlighted on [COMPUTER.ORG](https://www.computer.org).

Key dates –

• Submission **EXTENDED** deadline : ~~October 25, 2024~~ **November 2, 2024**

• Notification of acceptance : **November 12, 2024**

