

29th Ada-Europe International Conference on Reliable Software Technologies (AEiC 2025) 10-13 June 2025, Paris, France

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General Information

The 29th Ada-Europe International Conference on Reliable Software Technologies (AEiC 2025) will take place in Paris, France. The conference schedule comprises a journal track, an industrial track, a work-in-progress track, a vendor exhibition, parallel tutorials, and satellite workshops.

- Journal track papers present research advances supported by solid theoretical foundation and thorough evaluation.
- Industrial track contributions highlight the practitioners' side of a challenging case study or industrial project.
- Work-in-progress track papers illustrate novel research ideas that are still at an initial stage, between conception and first prototype.
- Tutorials guide attendees through a hands-on familiarization with innovative developments or with useful features related to reliable software.
- Workshops provide discussion forums on themes related to the conference topics.

Schedule

20 January 2025	Deadline for submission of journal track papers
24 February 2025	Deadline for submission of industrial track papers, work-in-progress papers, and tutorial and workshop proposals
28 March 2025	First round notification for journal track papers, and notification of acceptance for all other types of submissions
10-13 June 2025	Conference

Scope and Topics

The conference is a leading international forum for providers, practitioners, and researchers in reliable software technologies. The conference presentations will illustrate current work in the theory and practice of the design, development, and maintenance of long-lived, high-quality software systems for a challenging variety of application domains. The program will allow ample time for keynotes, Q&A sessions, discussions, and social events. Participants include practitioners and researchers from industry, academia, and government organizations active in the promotion and development of reliable software technologies.

The topics of interest for the conference include but are not limited to:

- Formal and model-based engineering of critical systems
- High-integrity systems and reliability
- AI for high-integrity systems engineering
- Real-time systems
- Ada language
- Applications in relevant domains

More specific topics are described on the conference web page.



Call for Journal Track Submissions

Following a journal-first model, this edition of the conference includes a journal track, which seeks original and high-quality papers that describe mature research work on the conference topics. Accepted journal track papers will be published in a Special Issue of Elsevier JSA – the *Journal of Systems Architecture* (Q1 ranked, CiteScore 8.5, impact factor 3.7). Contributions must be submitted by **20 January 2025**.

JSA has adopted the Virtual Special Issue model to speed up the publication process, where Special Issue (SI) papers are published in regular issues, but marked as SI papers. Acceptance decisions are made on a rolling basis. Therefore, authors are encouraged to submit papers early, and need not wait until the submission deadline. Authors who have successfully passed the first round of review will be invited to present their work at the conference. Ada-Europe will waive the Open Access fees for the first four accepted papers (whose authors do not already enjoy Open Access agreements). Subsequent papers will follow JSA regular publishing track.

Prospective authors may direct all enquiries regarding this track to the corresponding chairs, Laurent Pautet and Sara Royuela.

Call for Industrial Track Submissions

The conference seeks industrial-practitioner presentations that deliver insight on the challenges of developing reliable software. Especially welcome kinds of submissions are listed on the conference web site. Given their applied nature, such contributions will be subject to a dedicated practitioner-peer-review process. Interested authors shall submit a one-to-two pages abstract, by **24 February 2025**.

The abstracts of the accepted contributions will be included in the conference booklet. The corresponding authors will get a presentation slot in the prime-time technical program of the conference and will also be invited to expand their contributions into full-fledged articles for publication in the *Ada User Journal*, which will form the proceedings of the industrial track of the Conference. Prospective authors may direct all enquiries regarding this track to its chairs, Daniela Cancila and Laurent Gouzenes.

Call for Work-in-progress Track Submissions

The work-in-progress (WiP) track seeks two kinds of submissions: (a) ongoing research and (b) early-stage ideas. Ongoing research submissions are 4-page papers describing research results that are not mature enough to be submitted to the journal track. Early-stage ideas are 1-page papers that pitch new research directions that fall within the scope of the conference. Both kinds of submissions must be original and shall undergo anonymous peer review. Submissions by recent MSc graduates and PhD students are especially sought. Authors shall submit their work by **24 February 2025**.

The abstract of the accepted contributions will be included in the conference booklet. The corresponding authors will get a presentation slot in the prime-time technical program of the conference and will also be offered the opportunity to expand their contributions into 4-page articles for publication in the *Ada User Journal*, which will form the proceedings of the WiP track of the conference. Prospective authors may direct all enquiries regarding this track to the corresponding chairs, Hai Nam Tran and Anish Bhobe.

Call for Tutorials

The conference seeks tutorials in the form of educational seminars on themes falling within the conference scope, with an academic-for-practitioner slant, including hands-on or practical elements. Tutorial proposals shall include a title, an abstract, a description of the topic, an outline of the presentation, the proposed duration (half-day or full-day), the intended level of the contents (introductory, intermediate, or advanced), and a statement motivating attendance. Tutorial proposals shall be submitted at any time but no later than **24 February 2025** to the respective chair, Robert Cholay. The authors of accepted full-day tutorials will receive a complimentary conference registration, halved for half-day tutorials. The *Ada User Journal* will offer space for the publication of summaries of the accepted tutorials.

Call for Workshops

The conference welcomes satellite workshops centred on themes that fall within the conference scope. Proposals may be submitted for half- or full-day events, to be scheduled at either end of the AEiC conference. Workshop organizers shall also commit to producing the proceedings of the event, for publication in the *Ada User Journal*. Workshop proposals shall be submitted at any time but no later than **24 February 2025** to the respective chair, Anish Bhobe. Once submitted, each workshop proposal will be evaluated by the conference organizers as soon as possible.

Call for Exhibitors

The conference will include a vendor and technology exhibition. Interested providers should direct inquiries to the Exhibition & Sponsorship Chair, Ahlan Marriott.

Venue



The conference will take place at Mines Paris. Mines Paris - PSL, a founding member of Université PSL, is a leading French engineering school and the French leader institution in research partnerships. Founded 240 years ago to help spur the energy efforts called by the Industrial Revolution, it has been since training engineers in a wide spectrum of scientific disciplines. With about 1,500 students, including 100 PhD graduates per year, Mines Paris - PSL hosts 18 research centres and 5 academic departments. It is located along the Luxembourg gardens, next to the Quartier Latin, and is close to public transportation, including line B of the RER to Charles De Gaulle airport (CDG).

Paris, the capital city of France, is renowned for its rich history, stunning architecture, and vibrant culture. Often referred to as "The City of Light," Paris is home to iconic landmarks such as the Eiffel Tower, the Louvre Museum, and Notre-Dame Cathedral. The city is a global centre for art, fashion, gastronomy, science and culture, attracting millions of visitors each year.