

# Ada-Europe 2018

23rd International Conference on Reliable Software Technologies  
18-22 June 2018, Lisbon, Portugal

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## General Information

The 23<sup>rd</sup> International Conference on Reliable Software Technologies – Ada-Europe 2018 will take place in Lisbon, Portugal. Following its traditional style, the conference will span a full week, including a three-day technical program and vendor exhibition from Tuesday to Thursday, along with parallel tutorials and workshops on Monday and Friday.

## Schedule

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|-----------------|---|
| 22 January 2018 | Submission of papers, industrial presentation outlines, and tutorial and workshop proposals |
| 5 February 2018 | Notification of acceptance to all authors   |
| 9 March 2018    | Camera-ready version of papers required   |
| 24 March 2018   | Industrial presentations, tutorial and workshop material required                           |

## 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 and discussions, and social events. Participants include practitioners and researchers representing industry, academia and government organizations active in the promotion and development of reliable software technologies.

This edition of Ada-Europe features a focused **Special Session on Security in Safety-Critical Systems**. Safety-critical systems, on which we daily bet our lives, have become increasingly more complex, networked and distributed. In combination with the growing professionalism of adversarial teams, this demands not only for safe systems but systems that remain safe while under attacks. This session seeks (but is not limited to) contributions aiming at bridging the safety and security gap in cyber-physical and other safety-critical systems. Topics include: **Software and System Aspects of Secure and Dependable CPS, Vulnerabilities and Protective Measures for Safety-Critical System Infrastructures, and Fault and Intrusion Tolerance and Long-Term Unattended Operation for Safety-Critical Systems**. For further information please contact the Special Session Chair directly.

For the **general track of the conference**, topics of interest include but are not limited to (full list on the website): Real-Time and Embedded Systems, Mixed-Criticality Systems, Theory and Practice of High-Integrity Systems, Software Architectures, Methods and Techniques for Software Development and Maintenance, Formal Methods, Ada Language and Technologies, Software Quality, Mainstream and Emerging Applications, Experience Reports in Reliable System Development, Experiences with Ada.



## Program Committee

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In cooperation with  
ACM SIGAda, SIGPLAN, SIGBED



and

Ada Resource Association (ARA)



## Call for Regular and Special Session Papers

Authors of papers which are to undergo peer review for acceptance are invited to submit original contributions by 22 January 2011. Paper submissions shall be 14 LNCS-style pages in length. Authors for both the general track and the special session shall submit their work via EasyChair at <https://easychair.org/conferences/?conf=adaeurope2018>. The format for submission is solely PDF.

The International Conference on Reliable Software Technologies is listed in DBLP, SCOPUS, Web of Science Conference Proceedings Citation index, Google Scholar and Microsoft Academic Search, among others.

## Proceedings

The conference proceedings will be published in the Lecture Notes in Computer Science (LNCS) series by Springer, and will be available at the conference. Camera-ready accepted papers must be in conformance with the LNCS style, not exceeding 14 pages and are due strictly by 24 March 2011. For format and style guidelines authors should refer to <http://www.springer.de/comp/lncs/authors.html>. Failure to comply and to register for the conference by that date will prevent the paper from appearing in the proceedings.

## Call for Industrial Presentations

The conference seeks industrial presentations which deliver value and insight but may not fit the selection process for regular papers. Authors are invited to submit a presentation outline of at least one page in length by 22 January 2011, at <https://easychair.org/conferences/?conf=adaeurope2018>. The format for submission is solely PDF.

The Industrial Committee will review the submissions and make the selection. The authors of selected presentations shall prepare a final short abstract and submit it by 8 May 2011, aiming at a 20-minute talk. Authors will be also invited to submit corresponding articles for publication in the *Ada User Journal* (<http://www.ada-europe.org/auj/>), which will host the proceedings of the Industrial Program. For any further information please contact the Industrial Co-chairs directly.

## Awards

Ada-Europe will offer honorary awards for the best regular paper and the best presentation.

## Call for Tutorials

Tutorials should address subjects that fall within the scope of the conference and may be proposed as either half- or full-day. Proposals should include a title, an abstract, a description of the topic, a detailed outline of the presentation, a description of the presenter's lecturing expertise in general and with the proposed topic in particular, the proposed duration (half day or full day), the intended level of the tutorial (introductory, intermediate, or advanced), the recommended audience experience and background, and a statement of the reasons for attending. Proposals should be submitted by e-mail to the Tutorial Chair. The authors of accepted full-day tutorials will receive a complimentary conference registration as well as a fee for every paying participant in excess of 5; for half-day tutorials, these benefits will be accordingly halved. The *Ada User Journal* will offer space for the publication of summaries of the accepted tutorials.

## Call for Workshops

Workshops on themes that fall within the conference scope may be proposed. Proposals may be submitted for half- or full-day events, to be scheduled at either end of the conference week. Workshop proposals should be submitted to the Tutorial and Workshop Chair. The workshop organizer shall also commit to preparing proceedings for timely publication in the *Ada User Journal*.

## Call for Exhibitors

The commercial exhibition will span the three days of the main conference. Vendors and providers of software products and services should contact the Exhibition Chair for information and for allowing suitable planning of the exhibition space and time.

## Grants for Reduced Student Fees

A limited number of sponsored grants for reduced fees is expected to be available for students who would like to attend the conference or tutorials. Contact the Conference Chair for details.

## Venue

The conference will take place at the VIP Executive Art's Hotel (leftmost image), in the Parque das Nações area of Lisbon (central images), Portugal. June is full of events in Lisbon, including the festivities in honour of St. António, with music, grilled sardines and popular parties in Alfama and Bairro Alto old neighbourhoods, downtown (image on the right). Plan in advance! It is absolutely worth it!

