



The 19<sup>th</sup> International Conference on Reliable Software Technologies - Ada-Europe 2014 is an exciting event with an outstanding technical program, keynote talks, an exhibition from Tuesday to Thursday, and a rich program of workshops and tutorials on Monday and Friday.

The conference is hosted by **ECE**, a French engineering school located near the Tour Eiffel, right in the heart of Paris, with convenient connections to all places of interest, and lots of facilities around. An event not to be missed!

For full details and up-to-date information, see the conference website:

<http://www.ada-europe.org/conference2014>

### Conference program at a glance

Monday	Tuesday	Wednesday		Thursday	Friday
	Opening/Welcome				
3 tutorial tracks + CPS workshop	Keynote talk	Keynote talk	Ada-France workshop	Keynote talk	3 tutorial tracks + MCS workshop
... continued ...	Technical papers	Technical papers	... continued ...	Technical papers	... continued ...
3 tutorial tracks + CPS workshop	Industrial track Ada in Aerospace	Vendor session		Industrial track Ada in Railway	3 tutorial tracks + MCS workshop
... continued ...	Presentations	GNAT retrospective		Technical papers	... continued ...
	Ada-Europe General Assembly	Cruise and conference banquet Best paper award		Best presentation award Closing session	

### Keynote talks

On the three central days of the conference week, a keynote will be delivered as the opening event to address hot topics of relevance in the conference scope. The keynote speakers include: **Robert Lainé**, to talk about *Lessons learned and easily forgotten*, drawing from his many years of experience in space projects leadership at the European Space Agency and EADS Astrium; **Mohamed Shawky**, from Université de Technologie Compiègne (France), to present his futuristic work on *Intelligent Transportation Systems*; and **Alun Foster**, Acting Executive Director and Programme Manager of the ARTEMIS JU, to expose *From ARTEMIS to ECSEL: growing a large eco-system for high-dependability systems*, about the results achieved in ARTEMIS and the objectives of the new ECSEL program.

### Exhibition

The exhibition will open on Tuesday morning, and run until the last session on Thursday. It will take place in the conference venue; coffee breaks will be served in the exhibition space. Don't let your company miss this opportunity of engaging with Ada, reliable software, real-time, and embedded

community experts from some of Europe’s largest and well-known companies and institutes; contact [exhibit@ada-europe2014.org](mailto:exhibit@ada-europe2014.org).

### Tutorials

Improve the benefits of coming to the conference further by attending our tutorials, all given by famous experts.

Monday			Friday			
<b>T1</b>	<b>T3</b>	<b>T5</b>	AM	<b>T7</b>	<b>T9</b>	<b>T10</b>
<b>T. Taft</b>	<b>I. Broster and A. Coombes</b>	<b>B. Brosgol</b>		<b>W. Bail</b>	<b>L. Asplund</b>	<b>R. Chapman and Y. Moy</b>
<i>Proving Safety of Parallel/Multi-Threaded Programs</i>	<i>Debugging Real-time Systems</i>	<i>High-Integrity Object-Oriented Programming with Ada 2012</i>		<i>Technical Basis of Model Driven Engineering</i>	<i>Robotics Programming</i>	<i>Introduction to Verification with SPARK 2014</i>
<b>T2</b>	<b>T4</b>	<b>T6</b>	PM	<b>T8</b>		
<b>T. Taft</b>	<b>A. Alonso, A. Crespo and J. Martin</b>	<b>J. Sparre-Andersen</b>		<b>W. Bail</b>		
<i>Multicore Programming using Divide-and-Conquer and Work Stealing</i>	<i>Developing Mixed-Criticality Systems with GNAT/ORK and Xtratum</i>	<i>Ada 2012 (Sub)type and Subprogram Contracts in Practice</i>		<i>An Overview of Software Testing with an Emphasis on Statistical Testing</i>		



### Social program

The conference banquet will be held aboard a ship, cruising along the Seine! Enjoy excellent food while passing by the world's famous Tour Eiffel, Louvre, Musée d'Orsay, Notre-Dame, and more in the night's light!



### Workshops

In addition to various co-located events, three major workshops are taking place in connection with the conference:

- Monday June 23<sup>rd</sup>: Workshop on *Challenges and new Approaches for Dependable and Cyber-Physical Systems Engineering*, organized by **CEA** and **Thales**.
- Wednesday June 25<sup>th</sup>: **Ada-France** day: *Ada 2012: le point sur le langage* (Ada 2012: Assessing the Language), a special session in French for software managers who want to learn about the current state of Ada.
- Friday June 27<sup>th</sup>: Workshop on *Mixed Criticality Systems: Challenges of Mixed Criticality Approaches and Benefits for the Industry*, organized by **ECE**.

### GNAT retrospective

The 2014 Ada-Europe conference marks the 20th anniversary of GNAT as a supported open-source Ada compiler. This started a new era for the distribution and the promotion of the Ada language. A retrospective will look back at these important 20 years.

