

Ada-Europe 2018

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



Welcome to Lisboa, Portugal



PORTUGAL

1.318 GPI Score

Country rank **4** out of 163

Combined Major Factors



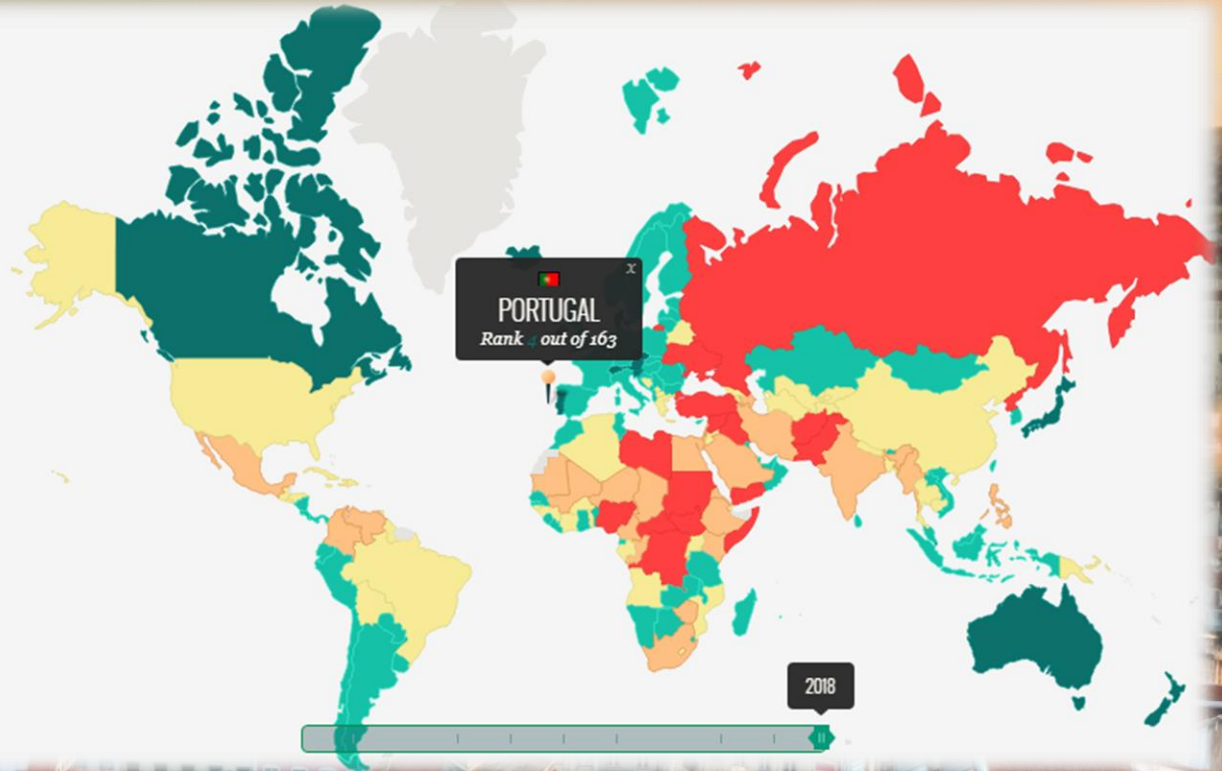
Militarisation

Society & Security

Domestic & Int. Conflict

[Full Stats](#)

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Submissions & Reviews

Regular papers

- 27 submissions
- At least 3 reviews per paper
- 10 papers accepted for proceedings
- 4 papers accepted for presentation
- 37% acceptance rate

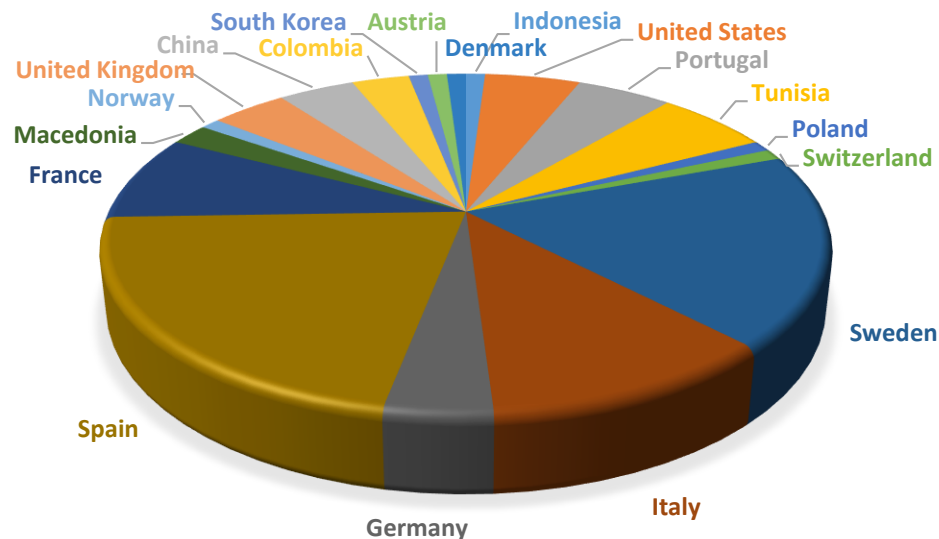
Industrial presentations

- 17 submissions
- 4 reviews per submission
- 12 presentations accepted

Authors

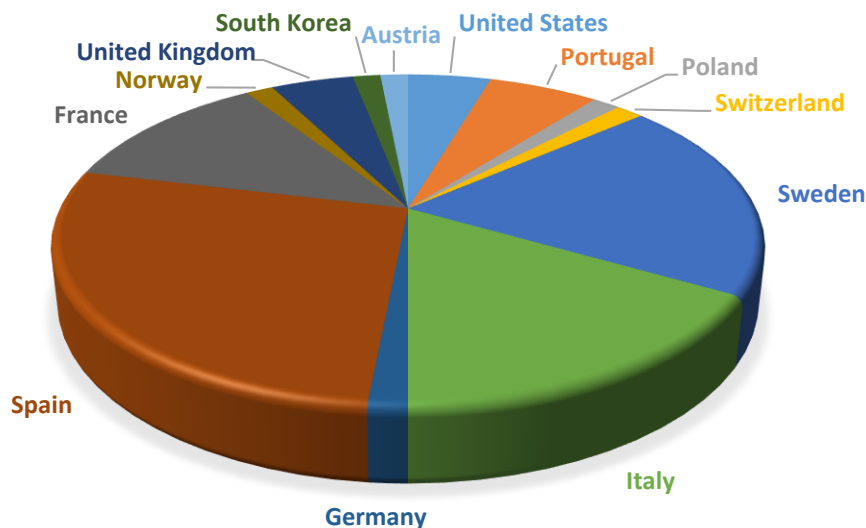
Submissions

- 98 authors
- 19 countries



Accepted

- 66 authors
- 13 countries



Committee members

Mario Aldea (Universidad de Cantabria), Ezio Bartocci (Vienna University of Technology), Johann Bliederger (Vienna University of Technology), Rakesh Bobba (Oregon State University), Bernd Burgstaller (Yonsei University), António Casimiro (LASIGE/U. Lisboa), Juan A. de la Puente (Universidad Politécnica de Madrid), Virgil Gligor (Carnegie Mellon University), Michael González Harbour (Universidad de Cantabria), I. Javier Gutiérrez (Universidad de Cantabria), Jérôme Hugues (ISAE), Ruediger Kapitza (Technische Universität Braunschweig), Hubert Keller (Karlsruhe Institute of Technology), Ralf Klöpper (Univ. of Hertfordshire), Adam Lackorzynski (TU Dresden and Kornetze GmbH), Kristina Lundkvist (Mälardalen University), Franco Mazzanti (ISTI-CNR), Laurent Michel (Telecom ParisTech), Luís Miguel Pinho (CISTER/ISEP), Erhard Plodereder (Universität Stuttgart), Jorge Real (Universitat Politècnica de València), José Roldán (AdaCore), Sergio Sáez (Universitat Politècnica de València), Elad Schiller (Chalmers University of Technology), Frank Singhoff (Université de Bretagne Occidentale), Jorge Sousa Pinto (University of Minho), Tucker Taft (AdaCore), Elena Troubitsyna (Aalto University), Santiago Urueña (GMV), Tullio Vardanega (Università di Pisa), Marcus Wolpert (University of Luxembourg), Ian Broster (Rapita Systems), Luís Correia (MPOREEF-T), Dirk Craeynest (Ada-Belgium & KU Leuven), Thomas Gruber (Austrian Institute of Technology - AIT), Andreas Jung (European Space Agency), Ismael Lafoz (Airbus Defence and Space), Ahlan Marriott (White Elephant GmbH), Maurizio Martignano (Spazio IT), Marco Panunzio (Thales Alenia Space), Paul Parkinson (Wind River), Jean-Pierre Rosen (Adalog), José Rufino (LASIGE/U. Lisboa), Emilio Salazar (GMV), Helder Silva (EDISOFT), Jacob Sparre Andersen (JSA Consulting), Andreas Wortmann (OHB System)

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TNI Europe Limited

Thank you!


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ULisboa

LASIGE

FCT
Fundação
para a Ciência
e a Tecnologia

Conference

3 Keynotes

- Paulo Esteves-Verissimo
- Carl Brandon
- Erhard Plödereder

5 Regular sessions:

- 14 technical presentations
- 3 vendor presentations

4 Industrial sessions:

- 12 industrial presentations

Industrial exhibition:

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2018

CONFERENCE SCHEDULE

	Tuesday 20 th	Wednesday 21 st	Thursday 22 nd
08:45 - 09:00	Welcome & Opening		
09:00 - 10:00	Keynote Talk Chair: Antonio Cavallaro Security and Dependability Challenges of IIoT Integration Paulo Esteves-Verissimo University of Luxembourg, Luxembourg Coffee & Exhibition	Keynote Talk Chair: Marco Passerini From Physical to Acoustic Sciences, and How to Make a Coder that Works Carl Brandon Vermont Technical College, USA Coffee & Exhibition	Keynote Talk Chair: Tullio Veronesi Vulnerabilities in Safety, Security, and Privacy Erhard Plödereder University of Stuttgart, Germany Coffee & Exhibition
10:00 - 11:00	Vendor Session: Safety and Security Chair: Marco Volo Using Safety Contracts to Verify Design Assumptions During Runtime G. Javade and S. Puzoskian	Vendor Session: Industrial IIoT Cybernet Chair: Michael Cecchini-Harbeck On the Effect of Protected Property Servicing Policies on the Response Time of Ada Tasks J. Gierke, J. Decker, A. Koenig and J. A. de la Fuente	Industrial Session: Use of Safety-Critical Software Chair: Marco Starkegger Applying Formal Timing Analysis to Real-time Software A. Hermsman
11:00 - 12:00	Workshop: Safety-Related Component Issues From Specification to Implementation J. Ripin, R. Galina, J. Carlier, H. Hameed and S. Pur	Improved Cache-Related Preemption Delay Estimation for Real-Time Scheduling F. Harkevic, J. Carlier and R. Doherty	Multicore Timing Analysis for Safety-Critical Software L. Renier, G. Bernat, F. Casati, C. Borjesson and S. Miliutek
12:00 - 12:30	Presentation The BENEVOLE Project: Final Report R. Pagan and M. Carlier	Vendor presentation AdaCore	Abstracts: Simulation and Testing of Real-Time Critical Cyber-Physical Systems G. Giacola, J. Ferrara, C. Hahn and L. M. Pilo
12:30 - 12:45	Presentation Consumer Reactive Effects in Real-Time Secure-by-Construction M. Gaidon, J. Azevedo and F. Laignes	Vendor presentation PTC	
12:45 - 14:00	Lunch & Exhibition	Lunch & Exhibition	Lunch & Exhibition

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Conference

2 Workshops

- RUME 2018 - Runtime Verification and Monitoring Technologies for Embedded Systems Workshop
- DeCPS 2018 - Workshop on Challenges and new Approaches for Dependable and Cyber-Physical Systems Engineering (**Friday**)

8 Tutorials

- 5 of which on Friday (see conference program)

Sessions logistics

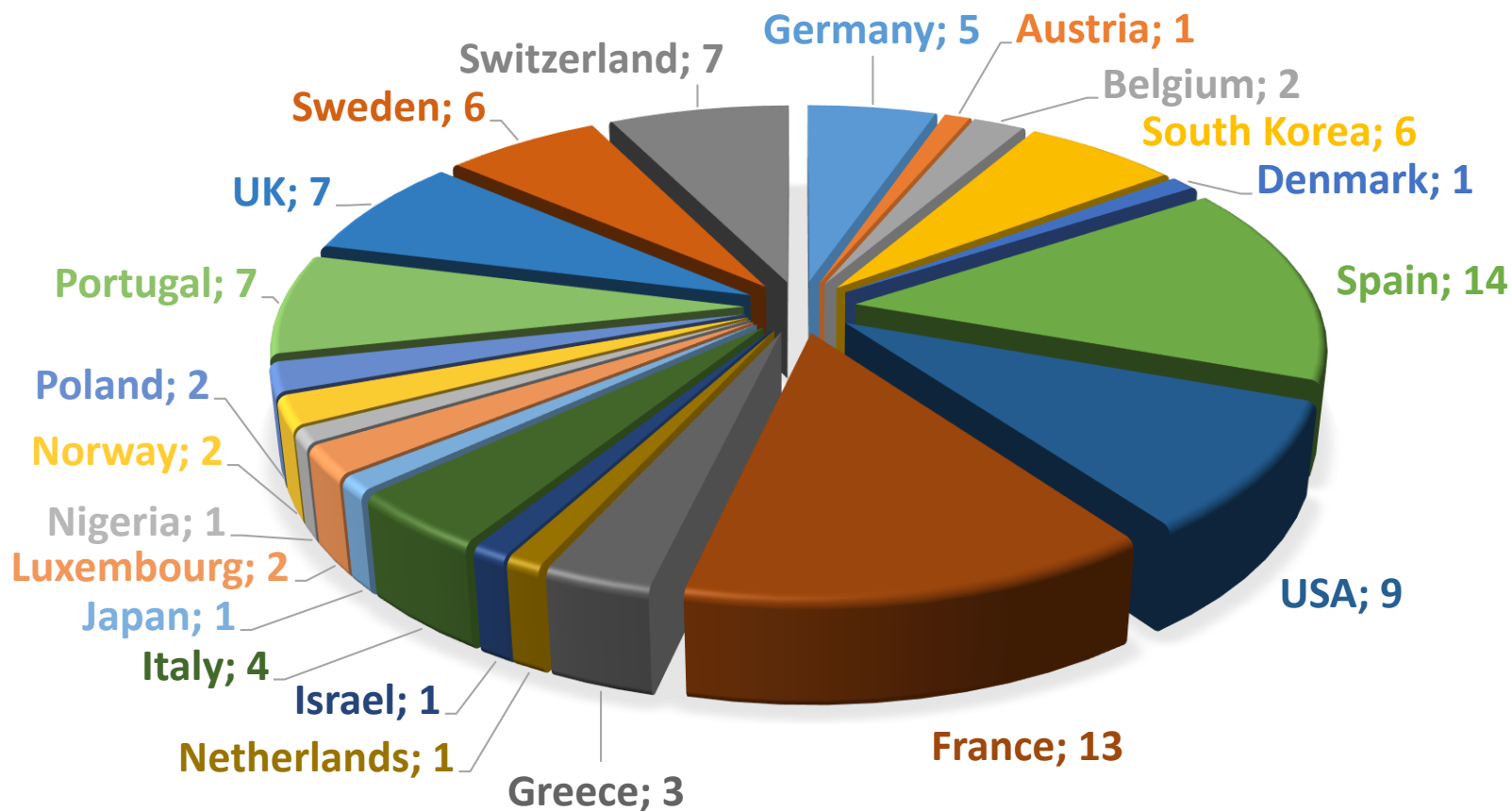
Important request to session Chairs

Please, before your session starts:

- Find presenters
- Ask them the presentation
- Copy the presentation to the laptop (there will be a folder for each session)
- Test it, to make sure it works well

Participants

- 95 participants
- 21 countries



Welcome reception

Sunset tour on Tagus river

- Large catamaran

Walk from hotel to marina

- Distance: 1,3Km
- Leave hotel at 19:15
- Be at the marina at 19:45
- **Departure at 20:00**
- Return at 22:00



Banquet

Restaurant

“A Casa do Bacalhau”

- Cod fish for main dish
- Vegetarian alternative

Transportation by bus

- Departure from hotel
- Be at the hotel lobby at 19:15
- **Departure at 19:30**
- Return around 22:30



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FESTAS de

LISBUA

Tomorrow, 1p.m.



Superman (& Portugal) vs. Morocco