

## Call for Presentation Submissions

**For:** International Aviation Software Summit, produced by EUROCAE and RTCA, Inc.

**When:** June 23-24, 2021

**What:** The International Aviation Software Summit is a 2-day virtual event co-produced by EUROCAE and RTCA. This inaugural event gathers industry, government and academia professionals to collaborate on current software standards applications and create dialogue for future development. The event addresses traditional and new entrant software needs and connects the audience to experts knowledgeable in the execution of software processes. For a schedule of events, click here: <https://www.rtca.org/events/summit>.

The event will feature a series of live and on-demand events and will be free to attend.

EUROCAE and RTCA are seeking submissions for on-demand sessions to support the event.

### Duration of session:

Preferred length is between 10 and 15 minutes

### Session topics preferred:

- a. How software development is modified when applied to the following technologies:
  - Cybersecurity
  - Artificial Intelligence
  - Machine Learning
  - How an environment of Internet of Things (IoT) is addressed
- b. Real life examples of overcoming challenges in software development
- c. New and novel ways incorporate software standards into a development process including:
  - Agile
  - DevOps
  - Cloud Based Systems
- d. Lessons Learned using any of the following documents:

DO-178C/ED-12C – Software Considerations in Airborne Systems and Equipment Certification

DO-278A/ED-94C – Software Integrity Assurance Considerations for Communication, Navigation, Surveillance and Air Traffic Management (CNS/ATM) Systems

DO-248C/ED-109A – Supporting Information for DO-178C and DO-278A

DO-330/ED-215 – Software Tool Qualification Considerations

DO-331/ED-218 – Model Based Development & Verification Supplement to DO-178C and DO-278A

DO-332/ED-217 – Object Oriented Technology and Related Techniques Supplement to DO-178C and DO-278A

DO-333/ED-216 – Formal Methods Supplement to DO-178C and DO-278A

Note: There should be no proprietary information contained in the submission

## International Aviation Software Summit Presentation Submission Details

### Deadline for submissions: April 23

Please include the following on your submission:

- 1) Speaker Details
  - a. Name
  - b. Company
  - c. Title,
  - d. Job Role/Areas of Responsibility
  - e. Email address
- 2) Submitter's name and contact information if different than above
- 3) Please include the topic from the "Session Topics Preferred" list on page 1 that you'd like to cover in your talk. Or, you may propose another topic not listed.
- 4) Please provide a 100-word (or so) abstract of what you'll cover in the presentation and a session title.
- 5) Please include a bio.

The event producers will notify the applicants of the final topics selected by May 3.

Recordings and review of presentations will occur in the month of May. The presentations that will be selected to run during the Summit will be determined in early June.

Please send your submissions to: [elena.marzac@eurocae.net](mailto:elena.marzac@eurocae.net) and [aberry@rtca.org](mailto:aberry@rtca.org).