

Call for Contributions

Note: *Onsite and Online Options*

In order to accommodate many situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options

Submission:

1. **Inform the Chairs:** with the Title of your Contribution

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=VALID+2020+Special>

Please select Track Preference as **TiP**

Special track

TiP: Is Testing in Production Realistic?

Chair and Coordinator

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along with

VALID 2020, The Twelfth International Conference on Advances in System Testing and Validation Lifecycle
October 18, 2020 to October 22, 2020 - Porto, Portugal
<https://www.iaria.org/conferences2020/VALID20.html>

In the early days of software testing it was “not done” to test software in a production environment. That was a no-go area. All test or quality measures must be executed before go live. Quality gates were developed to secure that the quality of the software had reached the required level. After a go of the steering committee the software was implemented into production. The last few years this way of working is changing since the development approach is changing. From a classic waterfall to a *devops* development approach. Due to the integration of development and operations (*devops*) a mind-shift is taking place. Also, it is not possible to test everything anymore in a test environment due to several reasons. So, it looks like testing in production is more allowed now.

In some areas testing is executed in production for certain requirements or special situations. A lot of reasons can be defined. People do not agree always if it is allowed or necessary to execute tests in a production environment. So, an interesting topic to discuss about.

In this special track session presentations and discussions are invited to discuss together about the pro's and cons of testing in production, which areas are suitable for this type of testing and which kind of risks must take care off.

Topics include, but not limited to:

- Areas of testing in production
- Pros and cons
- Validation techniques

- Business risk
- Validation types

These are only suggestions; we welcome papers discussing other issues related to the manufacturing applications.

Important Datelines

Inform the Chairs (see Contacts below): as soon as you decide to contribute

Submission: August 24

Notification: September 13

Registration: September 23

Camera-ready: September 23

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format

- See: <http://www.iaria.org/format.html>

- Before submission, please check and comply with the editorial rules: <http://www.iaria.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iariajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=VALID+2020+Special>

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaria.org/registration.html>

Contacts

Chair

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