

Call for Contributions

1. Inform the Chair

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=PATTERNS+2023+Special>

Please select Track Preference as **A&A**

3. Note: *For 2023, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

A&A: Agile & Architecture

Chair

Dr. ir. Geert Haerens, Faculty of Applied Economics Antwerp University | Engie, Belgium

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along with

PATTERNS 2023, The Fifteenth International Conference on Pervasive Patterns and Applications

<https://www.iaria.org/conferences2023/PATTERNS23.html>

June 26 - 30, 2023 - Nice, Saint-Laurent-du-Var, France

The Agile paradigm has overtaken the V-cycle or waterfall-based approach for the delivery of software. It has become the default methodology for the delivery of software-based products. Where before a lot of emphasis was put on architecting the solution up front before any code was written, we now talk about emerging designs and the asap delivery of code that shows there is value in the product. While this has resulted in a true revelation for software developers, has also become a true revolution for architects. They are not longer writing large requirements documents and setting up the overall architecture of the system to which developers must adhere. In some Agile methodologies, there is no longer a role or place for the architect. The developers have become the architect. Some Agile methodologies see the needs for overarching concepts, for intentionality in the product and attribute the responsibility to the architect for this. The balance between intentional architecture, and emerging design, both being delivered in an incremental fashion is a delicate one and often results in the pendula being swung to either architecture or developer dominance.

This special track wants to contribute to the body of knowledge related to the balancing of intentional architecture and emerging design. This field of study is flooded with best practices and happy use cases, while the sharing of proven practices and critical analyzes of use cases' success, or even better failure, are harder to find. Academics and practitioners are welcomed to share theoretical and practical methods address the delicate balance between intentional architecture and emerging design.

Suitable research topics for this special track include, but are not limited to, the following areas:

Agile Architecture

- Methods, techniques, practices that express the intentional architecture for a system and are able to verify the existence of this intentional architecture in the emerging designs created by the developers.
- Methods, techniques, practices that result in systems that exhibit the ability to change
- Software structures that facilitate change
- Methods, techniques, practices that help in expressing the minimal amount of architecture.

Agile Architecting

- Methods, techniques, practices on how architects and developers work together in achieving a balance between intentional architecture and emerging design
- Methods, techniques, practices for tracking architectural decisions and assuming variability

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]

Important Datelines

Inform the Chairs: As soon as you decide to contribute

Submission: May 11 (earlier, better)

Notification: May 29

Registration: June 8

Camera-ready: June 8

Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.

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

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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

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