

Call for Contributions

Submission:

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

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICSEA+2018+Special>

Please select Track Preference as **RASPL**

Special track

RASPL: Reusable Artifacts for Software Product Lines

Chair and Coordinator

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along with

ICSEA 2018, The Thirteenth International Conference on Software Engineering Advances

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<http://www.iaria.org/conferences2018/ICSEA18.html>

Software Product Lines (SPL) model families of products in a particular domain. They are used to derive a particular application that meets the needs of a customer by retaining features that are common to all applications in the domain and selecting/adapting features that vary among the applications of the domain.

The engineering paradigm of SPL is divided to two levels: (i) the domain level which tackles SPL implementation by producing various types of SPL reusable artifacts; and (ii) the application level which focuses on product derivation from the SPL by reusing its domain level artifacts. The SPL artifacts may include a *feature model*, a *reference architecture* (i.e., the SPL design), and/or component reuse (i.e., the SPL implementation).

The main objective of this track is to explore the domain level SPL engineering by recovering several SPL artifacts, starting from different product variants that belong to the same domain. We chose to focus on the domain level because it constitutes the pillar of the application level; hence, it determines the success of an SPL.

The issue should relate to any of the following topics, but not limited to:

- SPL design recovery
- Feature model enrichment with attributes
- Feature model enrichment with requirements
- Requirements engineering for artifacts recovery
- Advanced techniques for SPL and features code generation
- Semantic enrichment of SPLs using ontologies
- Core assets development

Important Deadlines

- Inform the Chair (see Contacts below): as soon as you decide to contribute
- Submission: ~~June 28~~ **September 5**
- Notification: ~~July 28~~ **September 20**
- Registration: ~~August 11~~ **September 30**
- Camera ready: ~~August 22~~ **September 30**

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/Tools: 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

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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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