

Call for Contributions

Inform the Chair: with the Title of your Contribution

Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICONS+2017+Special>

Please select Track Preference as **EVSYS**

Special track

EVSYS: Evolving Systems

Chair and Coordinator:

Dr. Fabrice Mourlin, U-PEC University, France

fabrice.mourlin@u-pec.fr

along with

ICONS 2017, April 23 - 27, 2017 - Venice, Italy

The Twelfth International Conference on Systems

<http://www.iaria.org/conferences2017/ICONS17.html>

The Evolving Systems track covers surveys, methodological, and application-oriented domains in the emerging area of evolving systems. Evolving systems are inspired by the idea of system model evolution in a dynamically changing and evolving environment. In computer science, these systems use inheritance and gradual change with the aim of adaptation, self-organization including system structure evolution in order to adapt to their runtime environment.

This track solicits publications that address the problems of modeling, control, prediction, management and data processing in non-stationary, unpredictable runtime environment and describe new methods and approaches for design of systems able to fully adapt its structure.

Topics of EVSYS encompass, but are not limited to:

- Formal language and property proof of evolving systems,
- Management strategy of evolving system
- Mobile agents as an answer to evolving systems
- Machine learning methods for prediction of the system changes
- Classification of evolving systems
- Component programming as a solution to adaptive systems
- Evolving mobile systems and its programming
- Evolving IoT (Internet of Things) systems and its management

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: ~~January 15~~ **March 15**
- Notification with comments for camera-ready: ~~February 20~~ **March 22**
- Registration: ~~March 5~~ **April 1**
- Camera ready: ~~March 15~~ **April 1**

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.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.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.iaiasubmit.org/conferences/submit/newcontribution.php?event=ICONS+2017+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.iaia.org/registration.html>

Contact

Dr. Fabrice Mourlin, U-PEC University, France fabrice.mourlin@u-pec.fr

Logistics: steve@iaia.org