

Call for Contributions

Submission:

1. Inform the Chair: with the Title of your Contribution

2. Submission URL:

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

Please select Track Preference as **SECUMIXER**

Special track

SECUMIXER: Security for Mixed-critical Real-time Systems

Chair and Coordinator

Assist. Prof. Dr. Risat Pathan, Chalmers University of Technology, Sweden

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along with

DEPEND 2017, September 10 - 14, 2017 - Rome, Italy

The Tenth International Conference on Dependability

<http://www.iaria.org/conferences2017/DEPEND17.html>

The track on *Security for Mixed-critical Real-time Systems* welcomes submissions that consider model, analysis, and evaluation of security for mixed-critical and real-time systems. Security is or will be an important issue for mixed-critical systems because such a system hosts functions with different criticalities on a common hardware platform. These functions while have different criticalities may also have different levels of security (i.e., some function may need a relatively higher level of security in comparison to other functions).

Integrating different security hardening features and respecting the criticalities of a mixed-critical system require additional computing capacity that may impact the timeliness of the system. It is therefore important to understand and investigate how security and criticality are related, how they need to be modeled for the analysis and evaluation of mixed-critical and real-time systems. Submissions are welcome from both academia and industry.

Topics include, but not limited to:

- Threat and security models for mixed-critical and real-time systems
- Security hardening mechanisms for mixed-critical and real-time systems
- Security-aware scheduling algorithm and analysis on uni/multicore platforms
- Experimental evaluations, case study, experience reports on security mechanisms, security vulnerabilities and attacks on mixed-critical and real-time systems

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: August 2
- Notification: August 9
- Registration: August 16
- Camera ready: August 16

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

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

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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>

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