

RTEST 2018

The CSI International Symposium on
Real-Time and Embedded Systems and Technologies (RTEST)
Tehran, Iran, May 9-10, 2018

*** submission deadline: Dec. 1st, 2017 ***

Website: <http://2018.rtest-conf.org/>

The RTEST symposium aims at bringing researchers in the fields of real-time and embedded systems and related research areas, from both industry and academia together. This event was held as national only event from 1995 to 2014. Starting from 2015, RTEST became a successful international symposium and 2018 edition accepts only submissions in English. RTEST 2018 will be held on May 9-10, 2018 at the University of Tehran (College of Engineering), Tehran, Iran.

RTEST 2018 welcomes submissions in all theoretical and application-oriented areas, reporting design, analysis, implementation, evaluation, and empirical results, of real-time and embedded systems, Internet-of-Things, and Cyber-Physical Systems, including (but not limited to): real-time software and applications, embedded hardware, multicore and manycore embedded systems, networked/distributed real-time/embedded systems, real-time control systems, real-time and embedded operating systems, hardware/software co-design, system-level design, modeling and verification, real-time scheduling and resource management, quality-of-service (QoS) management, power and thermal management, compilers for embedded systems, WCET estimation, testing and debugging of embedded and real-time systems, dependable real-time systems, and security.

Submissions are assigned to the following three tracks:

- Cyber-Physical Systems
- Internet-of-Things
- Real-Time / Embedded Software and Hardware

A selection of the best papers will be invited to submit an extended version to a special issue of the JCSE journal (www.jcse.ir). Another journal is also under negotiation.

A separate CFP for the work-in-progress (WiP) sessions will be announced soon on the symposium web site.

The publication of accepted papers on IEEEExplore, as done for RTEST 2015, is under negotiation.

Submission of Papers

Submissions must be in the PDF format and submitted online via the RTEST 2018 easychair conference management system (<https://easychair.org/conferences/?conf=rtest2018>). The material must be unpublished and not under submission elsewhere. Submissions must not exceed 8 pages (2 columns, 10 pt) for the main text, inclusive of figures, tables, and references. All papers must conform, at the time of submission, to the [IEEE Formatting Guidelines](#). Papers exceeding the page limit will not be reviewed. A selection of the best papers will receive outstanding paper awards, and will be highlighted as such in the conference proceedings. Also, these papers will be invited to be extended for publication in selected journals after another round of review.

Important Dates:

Full paper submission: Dec. 1, 2017

Acceptance notification: Feb. 1, 2018

Camera-ready: Feb. 15, 2018

Symposium: May 9-10, 2018

Steering Committee (in alphabetic order):

Enrico Bini (University of Turin)

Alireza Ejlali (Sharif University of Technology)

Mehdi Kargahi (University of Tehran)

Ali Movaghar (Sharif University of Technology)

General chairs:

- Ali Movaghar (Sharif University of Technology)
- Majid Nili Ahmadabadi (University of Tehran)

Program chairs:

- Alireza Ejlali (Sharif University of Technology)
- Mehdi Kargahi (University of Tehran)

Track Chairs:

- **CPS:** Babak Nadjar Araabi (University of Tehran)
- **IoT:** Hamid-Reza Rabiee (Sharif University of Technology)
- **Real-Time/Embedded Software and Hardware:** Alireza Ejlali (Sharif University of Technology) and Mehdi Kargahi (University of Tehran)

Executive Committee:

Publication Chair: Fatemeh Ghassemi (University of Tehran)

Web and Internet Chairs: Vahid Shah-Mansouri (University of Tehran) and Abbas Heydarnoori (Sharif University of Technology)

Publicity Chairs: Siamak Mohammadi (University of Tehran) and Marjan Sirjani (Mälardalen University)

Finance Chairs: Mohammad-Ali Akhaee (University of Tehran) and Mehdi Tale Masouleh (University of Tehran)

Workshop and Panel Chairs: Vahid Shah-Mansouri (University of Tehran) and Siavash Bayat-Sarmadi (Sharif University of Technology)

WiP Chair: TBD

Local Arrangement Chair: Alireza Sadrossadat (University of Tehran)

Exhibition Chair: Parastoo Bahadorani (University of Tehran)