

## Young Professionals competition @ RTSI 2018

The IEEE Young Professionals (YP) program focuses on young people, i.e. up to fifteen years from the first degree and with an option to participate beyond the fifteen-year span. YP is an international community of enthusiastic, dynamic and innovative members and volunteers and IEEE is committed to helping YP evaluate their career goals, polish their professional image, and create the building blocks of a lifelong and diverse professional network.

The 4<sup>th</sup> RTSI forum (<http://rtsi2018.ieeesezioneitalia.it/>), bringing together leading representatives from politics, industry and academia to foster technological innovation and excellence in all the fields of primary interest for IEEE, including power systems, electronics, informatics, automation, and computer engineering, offers a great opportunity to YP to be on the stage showing advancements in their fields.

Hence, the RTSI'18 forum includes a **YP competition** that consists of presenting a **Poster and a Demo** related to the YP research activities. This competition can be considered as a forum for showcasing the state of the art in a broad range of fields that include all the themes belonging to RTSI. The focus will be on innovative prototype implementations, systems and technologies in this research fields. Demos can be considered as real, practical, and interactive proof of the presenters' research ideas and scientific or engineering contributions, with the goal of offering YP the opportunity to discuss systems, applications, prototypes, or proofs-of-concept with Senior researchers and people from industry. In addition, YPs are requested to give a 3-minute speech to convey the most important ideas and findings related to the proposed research activity.

An evaluation committee will score posters/demos/speeches to award the best one with a 500 € prize sponsored by the IEEE Italy Section. Demos will be primarily judged on originality, execution, and illustration of the core research ideas. In addition, four YPs will be awarded with a *development kit* (<http://www.st.com/en/evaluation-tools/steval-stlkt01v1.html>) sponsored by STMicroelectronics. The award ceremony will take place on September 12, 2018.

Please submit a short demo description using an abstract format (max. 1 page in English) describing the scientific or engineering concepts behind the work, the novelty of the work and how the work differs from existing systems/techniques.

At the conference, demonstrators will be given a table and a power outlet. Demo presenters are expected to bring with them everything that is needed for their demo (hardware, laptops, sensors, PCs, etc). Participants are required to present also a poster illustrating the scientific research that lies behind the demonstrator.

The deadline to submit proposals is **April 9, 2018**. To submit a contribution, please send an email to [demo.ieeertsi@gmail.com](mailto:demo.ieeertsi@gmail.com) with the following information:

Title of the contribution

Authors with affiliations

Presenter (must register to the forum)

Demo requirements (e.g. internet connection, space needs)

A PDF file with the short demo description in the extended abstract format