VLISoC 2022 is the 30th in a series of international conferences sponsored by the International Federation for Information Processing Technical Committee 10 Working Group 5, IEEE CEDA, and IEEE CASS, which explore the state-of-the-art in the areas of Very Large Scale Integration (VLSI) and System-on-Chip (SoC) design. The purpose of VLISoC is to provide a forum to exchange ideas and showcase academic as well as industrial research in architectures, circuits, devices, design automation, verification, test, and security, within digital, analog, and mixed-signal systems.

VLISoC 2022 will be held under the theme “SoCs for 5G Evolution and 6G,” exploring the design and optimization challenges around 5G+6G communication systems and devices embedded systems, security, low power circuits, powered by CMOS and beyond CMOS-technologies.

While the event is expected to be in presence, its format will be decided at a later date depending on the COVID-19 pandemic evolution.

Eligibility for Student Forum: Undergraduate, master, and early Ph.D. students are invited to submit their work.

Presentation: Posters will be introduced in the Student Forum Session (two-minute time slot, one slide) and next will be presented in a full one-hour Poster Session.

Publication: Accepted posters will be given two pages in the soft proceedings.

Student Forum grants: VLSI-SoC 2022 will provide a limited number of travel grants through the Technical Committee TC-10 (Computer Systems Technology) and WG-10.5 of the International Federation for Information Processing – IFIP. Grants are intended to support students from emerging and underdeveloped countries (by UN classification), who cannot be fully supported by their institutions.

How to Apply: Submit a two-page extended abstract of your research work in PDF format. Send submissions via EASYCHAIR platform of VLSI-SoC 2022.

Paper Format: Papers should be compliant with the guidelines for regular.

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Full paper submission: May 9, 2022
Special session proposal: May 9, 2022
Notification of acceptance: July 4, 2022
Camera ready: July 25, 2022