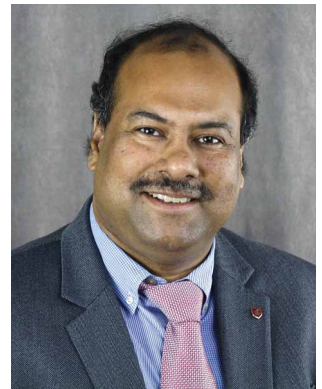


## From the EIC



# The 2022 Symposium on Integrated Circuits and Systems Design (SBCCI 2022)

■ **THE ARTICLES IN** this issue are divided into two groups: 1) the first group comprises articles from the 2022 Symposium on Integrated Circuits and Systems Design (SBCCI 2022), and 2) the second group consists of general interest articles.

The highlight of this issue is the Special Issue on SBCCI 2022. SBCCI is an international forum dedicated to ICs and systems design, test, and EDA, held annually in Brazil. SBCCI 2022 was held virtually on the Metaverse, but the organization was centered in Rio Grande do Sul state, Brazil. This special issue contains extended versions of the best papers presented at SBCCI 2022. These papers also went through *IEEE Design&Test*'s review process. Finally, we accepted five papers to be published in the *IEEE Design&Test* special issue. We thank the guest editors, Nuno Roma and Bruno Zatt, for making this special issue possible.

In addition, we present four general interest articles, one keynote article, and two conference reports: the DATE 2023 Conference and the 41st IEEE VLSI Test Symposium.

The general interest articles are titled as follows: 1) "Site-to-Site Variation in Analog Multisite Testing: A Survey on Its Detection and Correction"; 2) "An Energy-Aware Nanoscale Design of Reversible Atomic Silicon Based on Miller Algorithm"; 3) "Active and Passive Physical Attacks on Neural Network Accelerators"; and 4) "Enabling Security of Heterogeneous Integration: From Supply Chain to In-Field Operations."

A distinguishable feature of this issue is the keynote article titled "Strange Loops in Design and Technology: 59th DAC Keynote Speech" by Prof. Giovanni De Micheli.

Many thanks to Scott Davidson for The Last Byte article titled "Calling Yourself Back."

I hope you enjoy reading this issue of *IEEE Design&Test*.

A handwritten signature in black ink, appearing to read 'Partha'.

**Partha Pratim Pande**, *Editor-in-Chief*

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Digital Object Identifier 10.1109/MDAT.2023.3292716

Date of current version: 29 August 2023.