Welcome to the March 2023 edition of the CTSoc World Newsletter. The mission of this eZine is to provide you with timely awareness and easy-to-use navigation to society resources, news, and announcements.

Notices
Over 300 researchers and practitioners participated at the 41st International Conference on Consumer Electronics (ICCE) in Las Vegas, Nevada, USA. "This has been IEEE CTSoC's flagship conference for over 60-years and the content has always been fresh," said Dr. Nobou Funabiki, IEEE CTSoC incoming VP Conferences.
The IEEE CTSoc and the Caribbean Telecommunications Union (CTU) signed an MoU to exchange technical information and to promote understanding and cooperation between the members of both organizations.

The IEEE CTSoc and VDE signed an MoU to strengthen collaborations.
We hereby enthusiastically invite you to join the IEEE Consumer Technology Society (CTSoc). The CTSoc strives for the advancement of the theory and practice of Electronic Engineering and of the allied arts and sciences with respect to the field of Consumer Electronics and the maintenance of high professional standing among its members, which now number over 5000. The society has long been the premier technical association in the Consumer Electronics Industry. Researchers from countries around the world author CTSoc publications and presentations. Activities of the CTSoc are directed by the society’s administrative committee (Board of Governors), whose members represent the technical and commercial breadth of the organization.

To promote the society's news among all members and interested non-members, the IEEE Consumer Technology Society World Newsletter (CTSoCWN) features call for papers and announcements of upcoming conferences and events, as well as the current table of contents of the society's flagship magazine and transactions. The newsletter includes multiple hyperlinks to general and reference information about the society. You will receive a copy of this newsletter if you join the society. Alternatively, you can receive monthly updates by following the LinkedIn page of the newsletter.

Current Table of Publications Contents

IEEE Consumer Electronics Magazine

IEEE TRANSACTIONS ON CONSUMER ELECTRONICS

FEBRUARY 2022 VOLUME 69 NUMBER 1 ITCEDA (SSN 0098-3063)

A Publication by the IEEE Consumer Technology Society

REGULAR PAPERS

Adiabatic/MTJ-Based Physically Unclonable Function for Consumer Electronics Security Z. Kahleifeh, H. Thapliyal, and S. M. Alam
Exploiting Metadata to Estimate Read Reference Voltage for 3-D NAND Flash Memory Y. Li, G. Han, S. Huang, C. Liu, M. Zhang, and F. Wu


A Framework of Reduced Sensor Rooftop SPV System Using Parabolic Curve Fitting MPPT Technology for Household Consumers P. Kumari, N. Kumar, and B. K. Panigrahi


A Lightweight Architecture for Query-by-Example Keyword Spotting on Low-Power IoT Devices M. Li

Detection and Intelligent Control of Cloud Data Location Using Hyperledger Framework S. Basu, D. Bera, and S. Karmakar

Neural Augmented Exposure Interpolation for Two Large-Exposure-Ratio Images C. Zheng, W. Jia, S. Wu, and Z. Li

Implementation of a Real-Time Versatile Video Coding Decoder Based on VVdeC Over an Embedded Multicore Platform A. Saha, M. Chavarrías, V. Aranda, M. J. Garrido, and F. Pescador

More Information

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CALL FOR PAPERS

IEEE Consumer Electronics Magazine

IEEE Transactions on Consumer Electronics