Features in This Issue

Secondary Particles Generated by Protons in 3-D nand Flash Memories
by M. Bagatin, S. Gerardin, A. Paccagnella, A. Costantino, V. Ferlet-Cavrois, G. Santin, M. Muschitiello, A. Pesce, and S. Beltrami

An Innovative Analog Circuit to Retrieve Energy Information From Signals of Deeply Saturated Preamplifiers Connected to Semiconductor Detectors
by Stefano Capra, Giacomo Secci, and Alberto Pullia

Reliability Evaluation of LU Decomposition on GPU-Accelerated System-on-Chip Under Proton Irradiation
by Jose M. Badia, German Leon, Jose A. Belloch, Almudena Lindoso, Mario Garcia-Valderas, Yolanda Morilla, and Luis Entrena

Effects of Layer-to-Layer Coupling on the Total-Ionizing-Dose Response of 3-D-Sequentially Integrated FD-SOI MOSFETs
by Shintaro Toguchi, En Xia Zhang, Mohammed W. Rony, Xuyi Luo, Daniel M. Fleetwood, Ronald D. Schrimpf, Stephane Moreau, Severine Cheramy, Perrine Batude, Laurent Brunet, Francois Andrieu, and Michael L. Alles

Probing Dark Current Random
Telegraph Signal in a Small Pitch Vertically Pinned Photodiode CMOS Image Sensor After Proton Irradiation

by Aubin Antonsanti, Cédric Virmontois, Jean-Marie Lauenstein, Alexandre Le Roch, Hugo Dewitte, and Vincent Goiffon