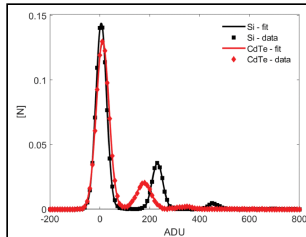


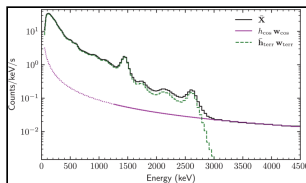
Features in This Issue



Characterization of a Small-Scale Prototype Detector With Wide Dynamic Range for Time-Resolved High-Energy X-Ray Applications

by Katherine S. Shanks, Hugh T. Philipp, John T. Weizeorick, Michael Hammer, Mark W. Tate, Hannah Hu, Prafull Purohit, Jonathan D. Baldwin, Antonino Miceli, Julia Thom-Levy, and Sol M. Gruner

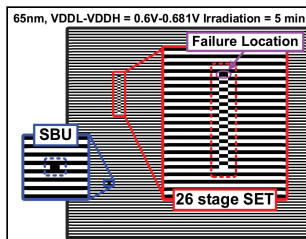
[Read More](#)



Correlations Between Panoramic Imagery and Gamma-Ray Background in an Urban Area

by M. S. Bandstra, B. J. Quiter, M. Salathe, K. J. Bilton, J. C. Curtis, S. Goldenberg, and T. H. Y. Josh

[Read More](#)



Neutron-Induced Pulsewidth Distribution of Logic Gates Characterized Using a Pulse Shrinking Chain-Based Test Structure

by Nakul Pande, Saurabh Kumar, Luke R. Everson, Gyusung Park, Ibrahim Ahmed, and Chris H. Kim

[Read More](#)

IEEE Transactions on Nuclear Science

A publication of the IEEE Nuclear and Plasma Sciences Society.

[VIEW THE TABLE OF CONTENTS](#)

IEEE TRANSACTIONS ON
NUCLEAR SCIENCE
A PUBLICATION OF THE IEEE NUCLEAR AND PLASMA SCIENCES SOCIETY



DECEMBER 2021 VOLUME 68 NUMBER 12 RETNAE ISSN1081-9929

REGULAR PAPERS

OPTIMAL STATE AND COVERAGE CONTROL AND SCHEDULING FOR DISTRIBUTED
A 100-Transistor Reconfigurable Micro-Bus in the 100-Dm² Environment for Reactor
A. J. K. ... 2084

Nonlinear Operation of a Two-Dimensional Array of Plasma Filaments for Heating and Energy Storage
A. J. K. ... 2102

Nonlinear Interaction of a Two-Dimensional Array of Plasma Filaments
A. J. K. ... 2111

LETTERS TO THE EDITOR

Reply to the Letter by ...
A. J. K. ... 2117

Reply to the Letter by ...
A. J. K. ... 2124

NOTICE TO CONTRIBUTORS

IEEE Transactions on Nuclear Science (TNS) is a peer-reviewed journal published by the IEEE Nuclear and Plasma Sciences Society. The journal covers research in the field of nuclear science and engineering, including the design and operation of nuclear reactors, the development of new nuclear technologies, and the study of nuclear materials and radiation effects. The journal is required reading for researchers and engineers in the field of nuclear science and engineering.





[T-NS Home](#) [T-NS in IEEE Xplore](#) [Early Access](#) [Manuscript Submission](#)

[View the full series on IEEE Xplore.](#)



© {{my.copyright year:default=edit me}}
IEEE— All rights reserved.

[Website](#) | [Privacy Policy](#) | [Unsubscribe](#)

