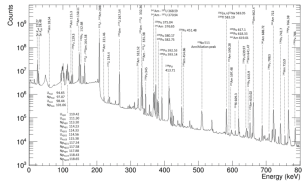


## Features in This Issue

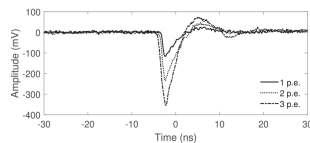
### High-Resolution Gamma Spectrometry of a Plutonium Bearing Waste Drum With High-Energy Reaction-Induced Gamma Rays



by V. Bottau, L. Tondut, P.-G. Allinei, B. Perot, C. Eleon, C. Carasco, R. De Stefano, and G. Faussier

[Read More](#)

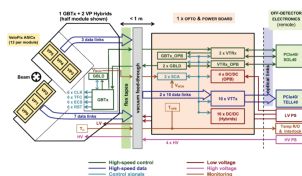
### A mm<sup>3</sup> Fiber-Coupled Scintillator for In-Core Thermal Neutron Detection in CROCUS



by Fanny Vitullo, Vincent Lamirand, Jean-Baptiste Mosset, Pavel Frajtag, Oskari Pakari, Gregory Perret, and Andreas Pautz

[Read More](#)

### Phase I Upgrade of the Readout System of the Vertex Detector at the LHCb Experiment



by Antonio Fernández Prieto, Pablo Vázquez Regueiro, Karol Hennessy, Jan Buytaert, Martin van Beuzekom, Edgar Lemos Cid, Lars Eklund, Kristof de Bruyn, Sneha Naik, Manuel Schiller, Dónal Murray, Alexander Leflat, Oscar Boente García, Abraham Gallas Torreira, Beatriz García Plana, Themis Bowcock, Francesco Dettori, Karlis Dreimanis, Vinicius Franco Lima, David Hutchcroft, Kurt Rinnert, Tara Shears, Oscar Augusto, Victor Coco, Paula Collins, Tim Evans, Massi Ferro-Luzzi, Wolfgang Funk, Heinrich Schindler, Kazu Akiba, Elena Dall’Occo, Cristina Sanchez Graz, Wouter Hulsbergen, Daniel Hynds, Igor Kostiuk, Marcel Merk,

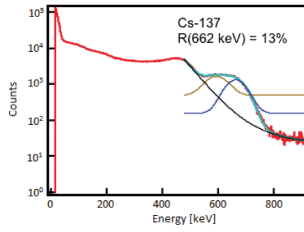
Aleksandra Snoch, Dana Seman Bobulska, Silvia Borghi, Stefano de Capua, Deepanwita Dutta, Marco Gersabeck, Chris Parkes, Peter Svihra, Mark Williams, Galina Bogdanova, Vladimir Volkov, Pawel Kopciwicz, Maciej Majewski, Agnieszka Oblakowska-Mucha, Bartłomiej Rachwał, Tomasz Szumlak, Lucas Meyer Garcia, Franciole Marinho, Larissa Helena Mendes, Irina Nasteva, Juan Otalora, Gabriel Rodrigues, Jaap Velthuis, Pawel

Jalocha, Malcolm John, Nathan Jurik, Luke Scantlebury-Smead, John Back, Tim Gershon, Tom Latham, and Andrew Morris

[Read More](#)

## Performance of High Stopping Power Bismuth-Loaded Plastic Scintillators for Radiation Portal Monitors

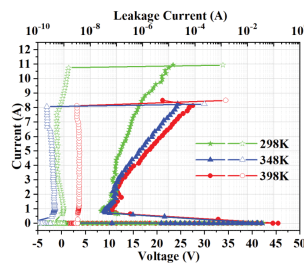
by Sean O'Neal, Nerine Cherepy, Saphon Hok, and Stephen Payne



[Read More](#)

## A Radiation-Hardened Dual-Direction SCR Based on LDMOS for ESD Protection in the Extreme Radiation Environment

by Ming Wu, Chenchen Zhang, Wei Peng, Jun Xu, Hu Jin, Yun Zeng, and Zhuojun Chen



[Read More](#)



## IEEE Transactions on Nuclear Science

A publication of the IEEE Nuclear and Plasma Sciences Society.

[VIEW THE TABLE OF CONTENTS](#)



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

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



© 2020 IEEE— All rights reserved.

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

