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### Publications

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#### PUBLICATIONS

- **Radiation hardness studies of AMS HV-CMOS 350nm prototype chip HVStripV1** *JOURNAL OF INSTRUMENTATION*  
Kanisauskas, K., Affolder, A., Arndt, K., Bates, R., Benoit, M., Di Bello, F., Blue, A., Bortoletto, D., Buckland, M., Buttar, C., Caragiulo, P., Das, D., DOPKE, et al  
2017; 12
- **Investigation of HV/HR-CMOS technology for the ATLAS Phase-II Strip Tracker Upgrade** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Fadeyev, V., Galloway, Z., Grabas, H., Grillo, A. A., Liang, Z., Martinez-McKinney, F., Seiden, A., Volk, J., Affolder, A., Buckland, M., Meng, L., Arndt, K., Bortoletto, et al  
2016; 831: 189-196
- **Charge collection studies in irradiated HV-CMOS particle detectors** *JOURNAL OF INSTRUMENTATION*  
Affolder, A., Andelkovic, M., Arndt, K., Bates, R., Blue, A., Bortoletto, D., Buttar, C., Caragiulo, P., Cindro, V., Das, D., DOPKE, J., Dragone, A., Ehrler, et al  
2016; 11
- **X-ray detectors at the Linac Coherent Light Source** *JOURNAL OF SYNCHROTRON RADIATION*  
Blaj, G., Caragiulo, P., Carini, G., Carron, S., Dragone, A., Freytag, D., Haller, G., Hart, P., Hasi, J., Herbst, R., Herrmann, S., Kenney, C., Markovic, et al  
2015; 22: 577-583
- **eLine100: A Front End ASIC for LCLS Detectors in Low Noise Applications** *IEEE TRANSACTIONS ON NUCLEAR SCIENCE*  
Dragone, A., Caragiulo, P., Freytag, D., Hart, P., Herbst, R., Herrmann, S., Kenney, C., Segal, J., Haller, G.  
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- **eLine10k: A High Dynamic Range Front-End ASIC for LCLS Detectors** *IEEE TRANSACTIONS ON NUCLEAR SCIENCE*  
Dragone, A., Caragiulo, P., Carini, G. A., Herbst, R., Pratte, J. F., O'Connor, P., Rehak, P., Siddons, D. P., Haller, G.  
2014; 61 (2): 992-1000
- **sLine: A High Voltage Switcher ASIC for LCLS Detectors with Rolling Shutter** *IEEE TRANSACTIONS ON NUCLEAR SCIENCE*  
Caragiulo, P., Dragone, A., Herbst, R., Haller, G.  
2014; 61 (2): 837-843