

Eiger papers

- [1] R. Dinapoli, A. Bergamaschi, B. Henrich, R. Horisberger, I. Johnson, A. Mozzanica et al., *Eiger: Next generation single photon counting detector for x-ray applications*, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* **650** (2011) 79 – 83.
- [2] I. Johnson, A. Bergamaschi, J. Buitenhuis, R. Dinapoli, D. Greiffenberg, B. Henrich et al., *Capturing dynamics with Eiger, a fast-framing X-ray detector*, *Journal of Synchrotron Radiation* **19** (Nov, 2012) 1001–1005.
- [3] V. Radicci, A. Bergamaschi, R. Dinapoli, D. Greiffenberg, B. Henrich, I. Johnson et al., *Eiger a new single photon counting detector for x-ray applications: performance of the chip*, *Journal of Instrumentation* **7** (2012) C02019.
- [4] I. Johnson, A. Bergamaschi, H. Billich, S. Cartier, R. Dinapoli, D. Greiffenberg et al., *Eiger: a single-photon counting x-ray detector*, *Journal of Instrumentation* **9** (2014) C05032.
- [5] M. Guizar-Sicairos, I. Johnson, A. Diaz, M. Holler, P. Karvinen, H.-C. Stadler et al., *High-throughput ptychography using eiger: scanning x-ray nano-imaging of extended regions*, *Opt. Express* **22** (Jun, 2014) 14859–14870.
- [6] G. Tinti, A. Bergamaschi, S. Cartier, R. Dinapoli, D. Greiffenberg, I. Johnson et al., *Performance of the eiger single photon counting detector*, *Journal of Instrumentation* **10** (2015) C03011.
- [7] G. Tinti, H. Marchetto, C. A. F. Vaz, A. Kleibert, M. Andrä, R. Barten et al., *The EIGER detector for low-energy electron microscopy and photoemission electron microscopy*, *Journal of Synchrotron Radiation* **24** (Sep, 2017) 963–974.
- [8] G. Tinti, E. Fröjd, E. van Genderen, T. Gruene, B. Schmitt, D. A. M. de Winter et al., *Electron crystallography with the EIGER detector*, *IUCrJ* **5** (Mar, 2018) 190–199.