**RD 2012-5**

Tobias Toll, Thomas Ullrich: *The dipole model Monte Carlo generator Sartre 1*; arXiv:1307.8059 [hep-ph], Comput. Phys. Commun. 185 (2014) 1835-1853.

Tobias Toll, Thomas Ullrich: *Exclusive diffractive processes in electron-ion collisions*; arXiv:1211.3048 [hep-ph], Phys. Rev. C87 (2013) 2, 024913.

**RD 2012-15**

S. Yang et al.: *Cosmic Ray Test of Mini-drift Thick Gas Electron Multiplier Chamber for Transition Radiation Detector*; arXiv:1412.4769 [physics.ins-det], Nucl. Instrum. Meth. A785 (2015) 33-39.

**eRD1**

O. D. Tsai, et.al.: *Results of R&D on a new construction technique for W/ScFi Calorimeters*; Journal of Physics: Conference Series 404 (2012) 012023.

Y. Fisyak et.al.: *Thermal neutron flux measurements in the STAR experimental hall*; NIM A 756(2014) 68-72.

O. D. Tsai, et.al.: *Development of a forward calorimeter system for the STAR experiment*;

Journal of Physics: Conference Series 587(2015) 01205.

C. Woody and E. Kistenev: *Design Studies of the Calorimeter Systems for the sPHENIX Experiment at RHIC and Future Upgrade Plans*; Journal of Physics: Conference Series 587(2015) 011001,

**eRD3**

M. Posik and B. Surrow: *Optical and electrical performance of commercially manufactured large GEM foils;* Nucl. Instrum. Meth. A 802, 10-15 (2015).

M. Posik and B. Surrow: *Construction of Triple-GEM Detectors Using Commercially Manufactured Large GEM Foils*; Conference Record to IEEE Nucl. Sci. Symposium, Strasbourg, France [submission in progress] (2016).

M. Posik and B. Surrow: *R&D of Commercially Manufactured Large GEM Foils*; Conference Record to IEEE Nucl. Sci. Symposium, San Diego, CA, C15-10-31 (2015).

M. Posik and B. Surrow: *Research and Development of Commercially Manufactured Large GEM Foils*; Conference Record to IEEE Nucl. Sci. Symposium, Seattle, WA, C14-11-08 (2014).

**eRD6**

B. Azmoun et al., *A Study of a Mini-drift GEM Tracking Detector*, submitted August, 2015 to the IEEE Transactions on Nuclear Science, accepted for publication in April 2016 and to be published in June 2016.

M.L. Purschke: *Test Beam Study of a Short Drift GEM Tracking Detector*; Conference Record Proceedings of the 2013 IEEE Nuclear Science Symposium and Medical Imaging Conference, October 27-Nov 2, 2013, Seoul, Korea

A. Zhang and M. Hohlmann: *Accuracy of the geometric-mean method for determining spatial resolutions of tracking detectors in the presence of multiple Coulomb scattering*; JINST 11 P06012 (2016), June 21, 2016.

A. Zhang et al.: *Performance of a large-area GEM detector readout with wide radial zigzag strips*; NIM A 811 (2016) 30-41.

A. Zhang et al.: *R&D on GEM detectors for forward tracking at a future Electron-Ion Collider*; Proc. of IEEE Nuclear Science Symposium 2015, San Diego, CA, Nov 24, 2015 (arXiv: 1511.07913).

C. Woody et.al.: *A Prototype Combination TPC Cherenkov Detector with GEM Readout for Tracking and Particle Identification and its Potential Use at an Electron Ion Collider*, Conference Proceedings of the 2015 Micropattern Gas Detector Conference, Trieste, Italy, October 12-15, 2015 (submitted).

B. Azmoun et. al.: *A Study of a Mini-drift GEM Tracking Detector;* submitted August, 2015 to the IEEE Transactions on Nuclear Science, currently under review.

A. Zhang et al.: *Study of non-linear response of a GEM read out with radial zigzag strips*; has been presented on the IEEE NSS/MIC conference 2016 and to be submitted to NIM A.

M. Bomberger et al.: *Design and stress analysis of a large area GEM detector using mechanical stretching method*; to be submitted to Journal of Mechanical Design, ASME.

S. Aiola, R.J. Ehlers, S. Gu, J.W. Harris, R. Majka, J.D. Mulligan, M. Oliver, J. Schambach and N. Smirnov: *Combination of Two Gas Electron Multipliers and a Micromegas as Gain Elements for a Time Projection Chamber*; Nucl. Instr. Meth. Phys. Res. A. 834 (2016) 149.

M. Blatnik et al.: *Performance of a Quintuple-GEM Based RICH Detector Prototype*; IEEE TRANSACTIONS ON NUCLEAR SCIENCE, VOL. 62, NO. 6, DECEMBER 2015.

M. Blatnik et al.: Performance of a Quintuple-GEM Based RICH Detector Prototype, Nuclear Science Symposium Conference Record, 2015, IEEE

K. Gnanvo et al.: *Large Size GEM for Super Bigbite Spectrometer (SBS) Polarimeter for Hall A 12 GeV program at JLab*; Nucl. Inst. and Meth. A782, 77-86 (2015).

K. Gnanvo et al., *Performance in Test Beam of a Large-area and Light-weight GEM detector with 2D Stereo-Angle (U-V) Strip Readout*; Nucl. Inst. and Meth. A808 (2016), pp. 83-92.

**eRD12**

R. Petti: *Interaction region design and auxiliary detector systems for an EIC*;

EPJ Web of Conferences, Volume 112, 2016, 6th International Conference on Physics Opportunities at an Electron-Ion Collider.

**eRD14**

G. Kalicy et al.: *DIRC detector for the future Electron Ion Collider experiment*; Proceedings of the DIRC2015 Workshop, 11 - 13 November, Giessen, Germany, [Journal of Instrumentation](http://iopscience.iop.org/journal/1748-0221), [Volume 11](http://iopscience.iop.org/volume/1748-0221/11), [March 2016](http://iopscience.iop.org/issue/1748-0221/11/03)

Y. Ilieva et al.: *MCP-PMT studies at the High-B test facility at Jefferson Lab*; Proceedings of the DIRC2015 Workshop, 11 - 13 November, Giessen, Germany; [Journal of Instrumentation](http://iopscience.iop.org/journal/1748-0221), [Volume 11](http://iopscience.iop.org/volume/1748-0221/11), [March 2016](http://iopscience.iop.org/issue/1748-0221/11/03)

J. Xie et al.: *Development of a low-cost fast-timing microchannel plate photodetector*; Nucl. Instrum. Meth. A 824 (2016) 159161.

J. Wang et al.: *Development and testing of cost effective, 6cm× 6cm MCP based*

*Photodetectors for fast timing applications*; Nucl. Instrum. Meth. A 804 (2015) 8493.