List Of 2014 Reports

ID#	Title, First Author, and Category	Status
120	**Title:** Magnetotransport of the Dirac Semimetals Na3Bi and Cd3As2 **First Author:** Xiong, J., Princeton University, Physics, xiong@princeton.edu **PI:** Ong, N. P., Princeton University, Physics, npo@princeton.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Published in** Nature 514, 205 (2014). doi:10.1038/nature13763 **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
202	**Title:** Clarifying the Number of Shubnikov-De Haas Frequencies in BiTeCl **First Author:** Martin, C., Ramapo College, Engineering Physics, cmartin@phys.ufl.edu **PI:** Tanner, D. B., University of Florida, Physics, tanner@phys.ufl.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
304	**Title:** Tuning Thz Dirac Plasmons in Topological Insulator Micro-Ribbons With Magnetic Field **First Author:** Yu, W., Georgia Institute of Technology, School of Physics, wenlong.yu@gatech.edu **PI:** Jiang, Z., Georgia Institute of Technology, School of Physics, zhigang.jiang@physics.gatech.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
321	**Title:** Anisotropic Giant Magnetoresistance in NbSb2 **First Author:** Wang, K, Brookhaven National Laboratory, Condensed Matter Physics, kwang@bnl.gov **PI:** Petrovic, C, Brookhaven National Laboratory, Condensed Matter Physics, petrovic@bnl.gov **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Published in** Scientific Reports 4, 7328 (2014) **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
148	**Title:** Observation of Topological Surface State Quantum Hall Effect in an Intrinsic Three-Dimensional Topological Insulator **First Author:** Xu, Y, Purdue University, Physics, xu319@purdue.edu **PI:** Chen, Y. P., Purdue University, Physics and ECE, yongchen@purdue.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Published in** Nature Physics Nature Physics, 10, 956-963 (2014) **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Editing
198	**Title:** Quantum Fluctuations in Ultrathin Sb Films **First Author:** Cairns, SD, University of Oklahoma, Department of Physics and Astronomy, Shayne Cairns **PI:** Murphy, SQ, University of Oklahoma, Department of Physics and Astronomy, smurphy@ou.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Submitted to** Phys. Rev. B **Sign. Achievement:** No **Director's Recommendation:** **No** **Director's Comments:** None	Editing
416	**Title:** Tuning the Fermi Level through the Dirac Point of Giant Rashba Semiconductor Bitei with Pressure **First Author:** VanGennep, D., University of Florida, Physics, dav08d@ufl.edu **PI:** Hamlin, J. J., University of Florida, Physics, jhamlin@ufl.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** **Yes** **VSP:** No **Published in** J. Phys. -Condens. Mat. volume 26, page 342202 **Sign. Achievement:** No **Director's Recommendation:** **No** **Director's Comments:** None	Editing

417	**Title:** Investigation of Shubnikov-de Haas Oscillations in Cd3As2 under Pressure **First Author:** VanGennep, D., University of Florida, Physics, dav08d@ufl.edu **PI:** Hamlin, J. J., University of Florida, Physics, jhamlin@ufl.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
453	**Title:** High Magnetic Field Measurements of a Kondo Semiconductor **First Author:** Tan, B. S., University of Cambridge, Physics, bst23@cam.ac.uk **PI:** Sebastian, S. E., University of Cambridge, Physics, ses59@cam.ac.uk **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
207	**Title:** Topological Crystalline Insulator SnTe Thin Films at High Magnetic Fields **First Author:** Assaf, B.A., Northeastern University, Physics, assaf@phys.ens.fr **PI:** Heiman, D., Northeastern University, Physics, heiman@neu.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
250	**Title:** Annual Report for Interplay of Magnetism and Topological Phases **First Author:** Suzuki, T., MIT, Physics, takehito@mit.edu **PI:** Checkelsky, J. G., MIT, Physics, checkelsky@mit.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
283	**Title:** High Field Magnetoresistance Measurements of the Surface States of Topological Kondo Insulator Samarium Hexaboride **First Author:** Kurdak, C, University of Michigan, Physics Department, kurdak@umich.edu **PI:** Kurdak, C, University of Michigan, Physics Department, kurdak@umich.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Submitted to** Phys. Rev. B **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
128	**Title:** Resistively Detected NMR as Probe of Topological Insulators **First Author:** Mitrovic, V.F., Brown University, Physics, vemi@brown.edu **PI:** Mitrovic, V.F., Brown University, Physics, vemi@brown.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
147	**Title:** EMR Study of a Possible Topological Kondo Insulator SmB6 **First Author:** Lai, Y, NHMFL, lyindut@gmail.com **PI:** Li, Z, NHMFL, zli@magnet.fsu.edu **Category:** Topological Matter **Facility:** EMR Facility **UCGP:** Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
	Title: Electrical Control of Magnetoresistance in Topological Insulator Thin Film in 60 T Pulsed Magnet **First Author:** Zhang, Z, Tsinghua university, zzuoc09@gmail.com **PI:** Wang, Y, Tsinghua University, yayuwang@mail.tsinghua.edu.cn **Category:** Topological Matter	

97	**Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
98	**Title:** Transport Behaviour of Topological Insulator Nano Device in The 60 T Pulsed Magnet **First Author:** Zhang, Z, Tsinghua University, zzuoc09@gmail.com **PI:** Wang, Y, Tsinghua University, yayuwang@mail.tsinghua.edu.cn **Category:** Topological Matter **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
100	**Title:** Magneto-optical Study of Topological Crystalline Insulators **First Author:** Chen, ZG, NHMFL, zchen@magnet.fsu.edu **PI:** Li, Z, NHMFL, zli@magnet.fsu.edu **Category:** Topological Matter **Facility:** DC Field Facility **UCGP:** Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
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