List Of 2015 Reports

ID#	Title, First Author, and Category	Status
146	**Title:** An X-ray Diffractometer for the Florida Split Coil 25 T Magnet **First Author:** Wang, S., NHMFL, swang@magnet.fsu.edu **PI:** Siegrist, T., NHMFL, siegrist@magnet.fsu.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **Highest Measured Field:** 25 T **UCGP:** No **VSP:** No **Accepted by** Rev. Sci. Instrum. 86/12/ **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Approved
326	**Title:** Field-Rotatable Calorimeter for NHMFL Top-Loading Portable Dilution Refrigerator **First Author:** Fortune, N.A.F., Smith College, Physics, nfortune@smith.edu **PI:** Fortune, N.A.F., Smith College, Physics, nfortune@smith.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **Highest Measured Field:** 36 T **UCGP:** No **VSP:** Yes **Published in** J. Phys.: Conf. Series 568/2014/1586 **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Approved
490	**Title:** Extreme Magneto-Transport of Aligned and Sorted Nanotube Textiles **First Author:** Bulmer, J.S., Cambridge University, Materials Science, jb833@cam.ac.uk **PI:** Bulmer, J.S., Cambridge University, Materials Science, jb833@cam.ac.uk **Category:** Condensed Matter Technique Development **Facility:** Pulsed Field Facility at LANL **Highest Measured Field:** 60 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Approved
348	**Title:** Vibrating Coil Magnetometer for High Temperature Superconductors Characterization **First Author:** Constantinescu, A.-M., NHMFL, constantinescu@magnet.fsu.edu **PI:** Jaroszynski, J.J., NHMFL, jaroszy@magnet.fsu.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **Highest Measured Field:** 31 T **UCGP:** Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
451	**Title:** Probes for Ultrasonic Measurements at the NHMFL DC Field Facility **First Author:** Suslov, A., NHMFL, suslov@magnet.fsu.edu **PI:** Suslov, A., NHMFL, suslov@magnet.fsu.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **Highest Measured Field:** 18 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
110	**Title:** Development of a User Probe for Light-On/Light-Off Magnetization Measurements in Pulsed Fields and Magnetization of Hybrid Multiferroics **First Author:** Musfeldt, J.L., University of Tennessee, Chemistry, musfeldt@utk.edu **PI:** Musfeldt, J.L., University of Tennessee, Chemistry, musfeldt@utk.edu **Category:** Condensed Matter Technique Development **Facility:** Pulsed Field Facility at LANL **Highest Measured Field:** 65 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
	Title: Development of a Low Temperature Capacitive Dilatometer for the User Community at the NHMFL **First Author:** Schmiedeshoff, G.M., Occidental College , Physics, gms@oxy.edu **PI:** Schmiedeshoff, G.M., Occidental College , Physics, gms@oxy.edu	

141	**Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **Highest Measured Field:** 18 T **UCGP:** No **VSP:** Yes **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
162	**Title:** Two-Axis Rotation Using a Piezo-Driven Platform **First Author:** Graf, D., NHMFL, graf@magnet.fsu.edu **PI:** Graf, D., NHMFL, graf@magnet.fsu.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **Highest Measured Field:** 18 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
215	**Title:** Development of a Gas Plasma-Based THz Time-Domain Spectrometer for the 25 T Florida Split Helix Magnet System **First Author:** Curtis, J.A.C., The University of Alabama at Birmingham , Physics, jcurtis4x@gmail.com **PI:** Hilton, D.J.H., The University of Alabama at Birmingham, Physics, dhilton@uab.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **Highest Measured Field:** 25 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
219	**Title:** Low Temperature Calibration of Cernox Thermometers in Fields up to 18 T **First Author:** Ha, J., NHMFL, FSU, jha@magnet.fsu.edu **PI:** Park, J.-H., NHMFL, FSU, jhpark@magnet.fsu.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **Highest Measured Field:** 18 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
306	**Title:** adio Frequency Transmission in Passive Band Pass Circuits for Performing Contactless Conductivity in High Magnetic Fields **First Author:** Altarawneh, M., Mutah University , muath_ph@yahoo.com **PI:** Altarawneh, M., Mutah University , muath_ph@yahoo.com **Category:** Condensed Matter Technique Development **Facility:** Pulsed Field Facility at LANL **Highest Measured Field:** 65 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
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