List Of 2013 Reports

ID#	Title, First Author, and Category	Status
395	**Title:** Development of an X-ray Diffractometer for the Florida Split Coil 25T Magnet **First Author:** Wang, S., NHMFL, swang@magnet.fsu.edu **PI:** Siegrist, T., NHMFL, ChE-BME, siegrist@eng.fsu.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
326	**Title:** Large Volume High Pressure Cell for Pulsed Field Studies **First Author:** Coniglio, W., NHMFL Tallahassee, William Coniglio **PI:** Tozer, S.W., NHMFL Tallahassee, tozer@magnet.fsu.edu **Category:** Condensed Matter Technique Development **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
391	**Title:** Probing the Fermi Surface in Nd-Substituted $CeCoIn_5$ **First Author:** Green, E.L., Helmholtz-Zentrum Dresden-Rossendorf, e.green@hzdr.de **PI:** Green, E.L., Helmholtz-Zentrum Dresden-Rossendorf, e.green@hzdr.de **Category:** Condensed Matter Technique Development **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	Edited
420	**Title:** Transversal Magnetostriction to 60 Tesla with an Optical FBG Technique **First Author:** Jaime, M.J., NHMFL LANL, mjaime@lanl.gov **PI:** Jaime, M.J., NHMFL LANL, mjaime@lanl.gov **Category:** Condensed Matter Technique Development **Facility:** Pulsed Field Facility at LANL **UCGP:** Yes **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
421	**Title:** Direct Probe Mounted High-Performance Amplifiers for Pulsed Measurement **First Author:** Wartenbe, M., FSU, NHMFL, mrw03h@fsu.edu **PI:** Balakirev, F.F., NHMFL, LANL, fedor@lanl.gov **Category:** Condensed Matter Technique Development **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** Yes **Director's Recommendation: No** **Director's Comments:** None	Edited
436	**Title:** Pulsed Field Calibration of Thermometers for Heat Capacity Measurements **First Author:** Kemper, J.B., Florida State Univ., Physics, kemper@magnet.fsu.edu **PI:** Kemper, J.B., Florida State Univ., Physics, kemper@magnet.fsu.edu **Category:** Condensed Matter Technique Development **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	Edited
108	**Title:** Development of a Force Magnetometer for the NHMFL DC-Field Facility **First Author:** Aoyama, C.P., UF, Physics, rockyama@phys.ufl.edu **PI:** Takano, Y., UF, Physics, takano@phys.ufl.edu **Category:** Condensed Matter Technique Development **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	Edited
	Title: Magnetoresistance of Cernox™ and ROx™ Sensors in High Magnetic Fields	

169	**First Author:** Brandt, B. L., Hefei High Magnetic Field Lab, C.A.S., brandthfcas@me.com **PI:** Brandt, B. L., Hefei High Magnetic Field Lab, C.A.S., brandthfcas@me.com **Category:** Condensed Matter Technique Development **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	Edited
174	**Title:** Studies of Light-Induced Magnetization Using a Commercial SQUID Magnetometer **First Author:** Rice, W.D., NHMFL-Los Alamos, crooker@lanl.gov **PI:** Crooker, S.A., NHMFL-Los Alamos, crooker@lanl.gov **Category:** Condensed Matter Technique Development **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Submitted to** Nature Materials **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
233	**Title:** Spatially Resolved Optical Micro-Spectroscopy **First Author:** Smirnov, D., NHMFL, smirnov@magnet.fsu.edu **PI:** Smirnov, D., NHMFL, smirnov@magnet.fsu.edu **Category:** Condensed Matter Technique Development **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	Edited
240	**Title:** Time-Resolved Pump Probe Spectroscopy of (100)-GaAs to ±25 T **First Author:** Curtis, J.A., University of Alabama at Birmingham , Physics, jcurtis4x@gmail.com **PI:** Hilton, D.J., University of Alabama at Birmingham , Physics, dhilton@uab.edu **Category:** Condensed Matter Technique Development **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	Edited
283	**Title:** Testing Pick-up Coils for Calibrating Wuhan Pulsed Magnets **First Author:** Zengwei, Z.Z, NHMFL-PFF, LANL, zengwei.zhu@lanl.gov **PI:** Neil Harrison, N.H, NHMFL-PFF, LANL, nharrison@lanl.gov **Category:** Condensed Matter Technique Development **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
315	**Title:** Miniature Field-Rotatable Calorimeter for High Field Low Temperature Measurements **First Author:** Fortune, N.A., Smith College, Physics, nfortune@smith.edu **PI:** Fortune, N.A., Smith College, Physics, nfortune@smith.edu **Category:** Condensed Matter Technique Development **Facility:** DC Field Facility **UCGP:** No **VSP:** Yes **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
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