List Of 2013 Reports

ID#	Title, First Author, and Category	Status
111	**Title:** Field-Induced Fermi Surface Reconstruction in $CeRhIn_5$ **First Author:** Jiao, L.J., Zhejiang University, Department of physics, phyman21@gmail.com **PI:** Yuan, H.Q.Y., Zhejiang University, Department of physics, hqyuan@zju.edu.cn **Category:** Kondo/Heavy Fermion Systems **Facility:** DC Field Facility **UCGP:** No **VSP:** Yes **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Edited
63	**Title:** Investigation of the Quantum Criticality of $URu_2 Si_2$ and its Novel Emergent Phases around 40 T: a High Field 29Si-NMR Study (Following up the Project ID: P01917) **First Author:** Sakai, H., JAEA, sakai.hironori@jaea.go.jp **PI:** Sakai, H., JAEA, sakai.hironori@jaea.go.jp **Category:** Kondo/Heavy Fermion Systems **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Edited
441	**Title:** High Field Transport Properties of Anomalous Metallic States **First Author:** Shimura, Y.S., The Institute for Solid State Physics, The University of Tokyo, simu@issp.u-tokyo.ac.jp **PI:** Nakatsuji, S.N., The Institute for Solid State Physics, The University of Tokyo, satoru@issp.u-tokyo.ac.jp **Category:** Kondo/Heavy Fermion Systems **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
455	**Title:** Low Temperature Correlated Insulating State in SmB_6 **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:** Kondo/Heavy Fermion Systems **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
87	**Title:** Vacancy Superstructures in Intermetallic Compound $Pr_{1.33}Pt_4Ga_{10}$ **First Author:** Xin, Y., MST/NHMFL, Florida State University, xin@magnet.fsu.edu **PI:** Xin, Y., MST/NHMFL, Florida State University, xin@magnet.fsu.edu **Category:** Kondo/Heavy Fermion Systems **Facility:** MS & T **UCGP:** No **VSP:** No **Submitted to** Inorg. Chem. **Sign. Achievement:** Yes **Director's Recommendation: No** **Director's Comments:** None	Edited
110	**Title:** NMR Study on La-doped SmB_6 Single Crystals **First Author:** Wu, T., University of Science and Technology of China , Hefei National Laboratory for Physical Sciences at Microscale, wutao@ustc.edu.cn **PI:** Wu, T., University of Science and Technology of China , Hefei National Laboratory for Physical Sciences at Microscale, wutao@ustc.edu.cn **Category:** Kondo/Heavy Fermion Systems **Facility:** CMT/E **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
	Title: Investigations of Quantum Criticality in Ultra High Purity $Ce_2Rh_3Ge_5$ and $Ce_2Pt_3Si_5$: P02269-E001-DC **First Author:** Baumbach, R.E., Los Alamos National Laboratory, MPA-CMMS, rbaumbach@lanl.gov **PI:** Baumbach, R.E., Los Alamos National Laboratory, MPA-CMMS, rbaumbach@lanl.gov **Category:** Kondo/Heavy Fermion Systems	

159	**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
327	**Title:** Angle dependence of Shubnikov-de Haas effect of $NdOs_4Sb_{12}$ **First Author:** Ho, P.-C., California State University, Fresno, Physics, pcho@csufresno.edu **PI:** Ho, P.-C., California State University, Fresno, Physics, pcho@csufresno.edu **Category:** Kondo/Heavy Fermion Systems **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
364	**Title:** Study of the Frustrated Magnet Yb_2Pt_2Pb in a Pulsed Magnetic Field **First Author:** Jiao, L., Zhejiang University, Physics, phyman21@gmail.com **PI:** Yuan, H., Zhejiang University, Physics, hqyuan@zju.edu.cn **Category:** Kondo/Heavy Fermion Systems **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
379	**Title:** Low Temperature Thermal Expansion of $Purhin_5$ **First Author:** Tobash, P.T., LANL, ptobash@lanl.gov **PI:** Bauer, E.B., LANL, edbauer@lanl.gov **Category:** Kondo/Heavy Fermion Systems **Facility:** Pulsed Field Facility at LANL **UCGP:** Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
380	**Title:** Transversal Magnetostriction in Uru_2si_2 **First Author:** Baumbach, R.B., LANL, baumbach@magnet.fsu.edu **PI:** Bauer, E.D.B., LANL, edbauer@lanl.gov **Category:** Kondo/Heavy Fermion Systems **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
390	**Title:** Magnetoresistance of $CeRhIn_5$ in a Pulsed Field **First Author:** Jiao, L.J., Zhejiang University, Department of physics, phyman21@gmail.com **PI:** Yuan, H.Q.Y., Zhejiang University, Department of physics, hqyuan@zju.edu.cn **Category:** Kondo/Heavy Fermion Systems **Facility:** Pulsed Field Facility at LANL **UCGP:** No **VSP:** Yes **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
405	**Title:** Fermi Surface and Phase Diagram of Cein3 by the Tunnel Diode Oscillator Technique **First Author:** Coniglio, W.A., NHMFL, coniglio@magnet.fsu.edu **PI:** Tozer, S.W., NHMFL, tozer@magnet.fsu.edu **Category:** Kondo/Heavy Fermion Systems **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
Total Reports: 13		