List Of 2012 Reports

ID#	Title, First Author, and Category	Status
386	**Title:** Quantum Circuits for Measuring Levin-Wen Operators **First Author:** Bonesteel, N.E., Florida State University, Physics, bonestee@magnet.fsu.edu **PI:** Bonesteel, N.E., Florida State University, Physics, bonestee@magnet.fsu.edu **Category:** Qubits & Quantum Entanglement **Facility:** CMT/E **UCGP:** No **VSP:** No **Published in** Phys. Rev. B PRB 86, 165113 (2012) **Sign. Achievement:** No **Director's Recommendation: Yes, definitely** **Director's Comments:** Very nice theoretical work on quantum computing, with high potential to stimulate experimental work and applications.	Edited
348	**Title:** Electron Spin Resonance Measurements Using On-chip Structures at Low Temperature **First Author:** Martens, M., NHMFL, FSU, Physics, martens@magnet.fsu.edu **PI:** Chiorescu, I., NHMFL, FSU, Physics, ic@magnet.fsu.edu **Category:** Qubits & Quantum Entanglement **Facility:** CMT/E **UCGP:** No **VSP: Yes** **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: Yes** **Director's Comments:** A remarkable new experimental capability has been developed.	Edited
95	**Title:** Nuclear Polarization of Phosphorus Donors in Silicon MOSFETs at High Magnetic Fields **First Author:** Weis, C.D., Lawrence Berkeley National Laboratory, cdweis@lbl.gov **PI:** Schenkel, T., Lawrence Berkeley National Laboratory, T_Schenkel@lbl.gov **Category:** Qubits & Quantum Entanglement **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
346	**Title:** Coherent Manipulation of Spin States of the Molecular Cluster V_{15} **First Author:** Chiorescu, I., NHMFL, FSU - Physics, ic@magnet.fsu.edu **PI:** Chiorescu, I., NHMFL, FSU - Physics, ic@magnet.fsu.edu **Category:** Qubits & Quantum Entanglement **Facility:** EMR Facility **UCGP:** No **VSP: Yes** **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
347	**Title:** Photon and Spin Dependence of the Resonance Lines Shape in the Strong Coupling Regime **First Author:** Miyashita, S., Tokyo University, miya@spin.phys.s.u-tokyo.ac.jp **PI:** Chiorescu, I., NHMFL, FSU, Physics, ic@magnet.fsu.edu **Category:** Qubits & Quantum Entanglement **Facility:** CMT/E **UCGP:** No **VSP: Yes** **Published in** J. Phys. B: At. Mol. Opt. Phys. 45, 124010 (2012) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
Total Reports: 5		