Physics of fundamental Symmetries and Interactions - PSI2013

Tuesday, 10 September 2013

Poster, BBQ & Drinks - Lobby (18:00 - 21:00)

[id] title	presenter	board
[21] Magnetic field environment for the CryoEDM experiment	Dr INGLEBY, Stuart	
[86] An absolute, high-precision 3He / Cs combined magnetometer	Mr KOCH, Hans-Christian	
[26] High electric field development for the SNS nEDM experiment	Dr ITO, Takeyasu	
[137] Precision Magnetometry For Neutron Electric Dipole Moment Experiments	Ms COTTLE, Amy	
[25] Design of a Simultaneous Spin Analyser for the nEDM experiment at PSI	Mr HELAINE, Victor	
[23] A deep ultra-violet frequency-quadrupled diode laser system for the mercury co-magnetometer in the nEDM experiment	Mr FERTL, Martin	
[28] First application of an improved neutron optical force meter	Mr SIEMENSEN, Christian BROSE, Daniel	
[29] A new perfluorinated Polymers at liquid Nitrogen Temperature as a UCN Storage Material	Mr DÜSING, Christian	
[125] Feasibility study for a new high-intensity muon beam line (HiMB) at PSI	KNECHT, Andreas	
[127] PSI Secondary Beam Lines Customized to New Experiments	REGGIANI, Davide DEITERS, Konrad	
[128] The Uncompensated Field Drift Studies in Electric Dipole Moment of neutron (nEDM) Experiment.	Mr PATAGUPPI, Prashanth	
[59] Progress towards a next generation UCN source at TRIUMF	Dr PICKER, Ruediger	
[54] MC simulations for RT-nEDM systematics	Dr ZSIGMOND, Geza	
[57] A Measurement of the Total Cross Section of Liquid Parahydrogen for Cold Neutrons	GRAMMER, Kyle	
[50] Search for the MUonium annihilation inTO Neutrinos (MUTON)	Dr CRIVELLI, Paolo	
[53] HOPE – a magnetic UCN trap to measure the neutron lifetime	Mr ROSENAU, Felix	
[52] The GRANIT experiment	Mr ROULIER, Damien	
[114] A g-2 experiment with the PSI high quality muon beam in development	Dr TAQQU, David	
[89] ATLAS Upgrades Towards the High Luminosity LHC: extending the discovery potential	ATLAS COLLABORATION, ATLAS Collaboration	
[111] The miniBETA spectrometer for the determination of weak magnetism and the Fierz interference term	Dr SOTI, Gergelj	
[110] Beta-asymmetry parameter of 67Cu for tensor current search	Dr SOTI, Gergelj	
[80] Investigation of the work function fluctuations for high precision experiments	Mr SCHMIDT, Christian	
[81] The Fundamental Physics beamline @ ESS	Dr THEROINE, Camille	
[109] NUMERICAL AND EXPERIMENTAL STUDY FOR THE CHARACTERIZATION OF THE SPALLATION TARGET PERFORMANCE OF THE ULTRACOLD NEUTRON SOURCE AT THE PAUL SCHERRER INSTITUT	WOHLMUTHER, Michael	

[104] Ultracold neutron detectors based on Boron-10 converters used in the qBounce experiments	Dr JENKE, Tobias	
[103] A pixelated Scintillator Positron Timing Counter with SiPM readout for the MEG Experiment Upgrade	Ms NISHIMURA, Miki	
[106] Preparing a Measurement of the Charge of the free Neutron within qBounce	Mr FILTER, Hanno	
[107] R&D status of the COMET experiment to search for a mu-e conversion at J-PARC	Dr NISHIGUCHI, Hajime	
[105] qBounce: Gravity Resonance Spectroscopy to test Dark Energy and Dark Matter models	CRONENBERG, Gunther	
[37] Development of a novel muon beam line for next generation precision experiments	Mr KHAW, Kim Siang	
[34] Probing sub-eV particles with 3He	Mr GUIGUE, Mathieu	
[62] Experiment NEUTRINO-4 search for sterile neutrino at WWR-M reactor and SM-3 reactor.	Prof. SEREBROV, Anatolii	
[64] Nuclear fragmentation studies with antiproton-nucleus annihilations	Dr KAWADA, Jiro	
[65] Investigation of systematic uncertainties of the aSPECT experiment	Mr WUNDERLE, Alexander	
[66] Background investigations on the neutron β-decay spectrometer aSPECT	Mr MAISONOBE, Romain	
[68] Accuracy before sensitivity: Magnetically-silent vector magnetometer as a new tool for nEDM search	Dr GRUJIĆ, Zoran	
[69] Digital pulse processing of proton detector signals for the spectrometer aSPECT	Mr VIROT, Romain	
[93] Development of a systematic studies apparatus at North Carolina State University for the nEDM collaboration	Dr LEUNG, Kent	
[92] Novel Detection System for Electron and Proton Momentum Spectroscopy with PERC	Dr KONRAD, Gertrud	
[95] A new muon beam line for fundamental physics study in J-PARC	Dr KAWAMURA, Naritoshi	
[15] Search for LFV and rare decays at the NA62 experiment at CERN	LAZZERONI, Cristina	
[16] Atomic cesium magnetometers in the search for neutron EDM	Dr KASPRZAK, Malgorzata	
[116] Development of UV-sensitive MPPC for the upgrade of liquid xenon detector in MEG experiment	Mr KANEKO, Daisuke	
[49] Electric Fields in Cryogenic nEDM Experiments	Dr HARDIMAN, Michael	
[43] Precision Magnetic Fields for Fundamental Neutron Symmetries	Dr CRAWFORD, Christopher	
[40] Measuring The Neutron Lifetime to One Second Using in Beam Techniques	Dr MULHOLLAND, Jonathan	
[75] Ultracold Sr experiment toward the search for the electron-EDM using ultracold FrSr molecules	Dr AOKI, Takatoshi	
[72] Development of a simulation for measuring neutron electric dipole moment	KATAYAMA, Ryo	