

Physics of fundamental Symmetries and Interactions - PSI2016

Tuesday, October 18, 2016

Poster Session: BBQ and Drinks (5:40 PM - 8:00 PM)

time	[id] title	presenter
5:40 PM	[216] Thin scintillating fibers coupled to SiPMs for fast beam monitoring and timing purposes	RUTAR, Giada
5:41 PM	[150] A Potassium magnetometry based current source for the nEDM experiment at PSI	Mr KOSS, Peter
5:42 PM	[153] Detector characterization and background studies for β -decay experiments	Mr BIRGE, Noah
5:43 PM	[215] VUV-sensitive MPPCs for liquid xenon detector in MEG II experiment	Mr OGAWA, Shinji
5:44 PM	[212] MEG II experiment: Upgraded Liquid Xe Detector with SiPM readout	Dr IEKI, Kei
5:45 PM	[154] Tracking for the Mu3e experiment	Dr KOZLINSKIY, Alexandr
5:46 PM	[157] Measurement of the weak magnetism form factor in ^6He decay	Ms HUYN, XUEYING
5:47 PM	[217] NoMoS: Beyond the Standard Model Physics in Neutron Decay	Dr KONRAD, Gertrud
5:48 PM	[195] The new magnetic field optimisation procedure of the nEDM experiment at PSI	Ms WURSTEN, Elise
5:49 PM	[196] Precise central unit of the DAQ system for the nEDM experiment at PSI	Dr ZEJMA, Jacek Dr KREMPEL, Jochen Mr RAWLIK, Michał
5:50 PM	[191] Development of a double-cusp trap for ground-state hyperfine spectroscopy of antihydrogen atoms	Dr KURODA, Naofumi
5:51 PM	[203] Development of the measurement system toward the electron EDM search with laser cooled Fr atoms	Dr INOUE, Takeshi
5:52 PM	[218] High-Precision Mass Measurements with PENTATRAP	Mr RISCHKA, Alexander Ms SCHÜSSLER, Rima
5:53 PM	[133] Search for a violation of the Pauli Exclusion Principle with electrons	Mr PICHLER, Andreas
5:54 PM	[130] New Precise Measurement of Muonium Hyperfine Structure at J-PARC	UENO, Yasuhiro
5:55 PM	[238] High precision analytical description for beta spectroscopy probing (Beyond) Standard Model physics.	Mr HAYDEN, Leendert
5:56 PM	[239] Searching for axion-like particles with the nEDM experiment at the Paul Scherrer Institute	Mr RAWLIK, Michał Mr AYRES, Nicholas
5:57 PM	[179] Development of a dual isotope rubidium co-magnetometer toward electron EDM search using laser-cooled francium	Ms UCHIYAMA, Aiko
5:58 PM	[234] Magnetometry for a next generation neutron EDM experiment	Dr BISON, Georg
5:59 PM	[235] Neutron interferometry constrains dark energy chameleon fields	Dr JENKE, Tobias
6:00 PM	[236] Muon Beam Monitoring Using Luminophore Foils at PSI	HODGE, Zachary Donovan
6:01 PM	[174] Neutronics Studies for the Nab Experiment	SCOTT, Elizabeth Mae
6:02 PM	[230] Development of a high-brightness muonium beam	Mr RITJOHO, Narongrit

6:03 PM	[175] Experiments using two Bradbury Nielsen gates	Dr SCHOTT, Wolfgang
6:04 PM	[171] Development of an optical dipole force trap system towards search for an electron EDM using laser-cooled francium	Mr SAKAMOTO, Kosuke
6:05 PM	[204] Realization of Ramsey-type Gravity Resonance Spectroscopy within qBounce	Mr RECHBERGER, Tobias
6:06 PM	[237] Measurement of Direct Muon Atomic Radiative Capture in Lead	HODGE, Zachary Donovan
6:07 PM	[257] Monte Carlo Programs for Muon Decays at NLO	Mr ULRICH, Yannick
6:08 PM	[180] Towards precision beta-decay measurements with laser-cooled argon-35	Ms LENAERS, Florence
6:09 PM	[181] The neutron lifetime experiment tSPECT	Mr KARCH, Jan Peter
6:10 PM	[186] Detection of low-energy protons within the neutron β -decay spectrometer aSPECT	Dr MAISONOBE, Romain
6:11 PM	[232] News on the laser based Hg Co-magnetometer for the nEDM experiment at PSI	Ms KOMPOSCH, Sybille
6:12 PM	[194] Snapshots of a Quantum Bouncing Ball realized with the qBounce gravity spectrometer	Mr THALHAMMER, Martin
6:13 PM	[189] Testing Space-Time Non-Commutativity with High Precision Spectroscopy	Dr MOUMNI, Mustafa
6:14 PM	[146] Measuring the Leptonic Dirac CP Phase with Muon Decay at Rest	Dr GE, Shao-Feng
6:15 PM	[200] Development of ^{129}Xe and ^{131}Xe co-existing masers with external feedback for the search for Xe atomic EDM	Dr SATO, Tomoya
6:16 PM	[144] Neutral pion form factor measurement by the NA62 experiment	LAZZERONI, Cristina
6:17 PM	[142] Novel measurement of tau-neutrino production by DsTau at the CERN SPS	Dr ARIGA, Tomoko
6:18 PM	[143] Searches for Lepton number violation and resonances in the $K^{+-} \rightarrow \pi^0 \mu^+ \mu^-$ decays at the NA48/2 experiment	LAZZERONI, Cristina Dr FANTECHI, Riccardo
6:19 PM	[207] The fibre tracker R&D for the Mu3e experiment	PAPA, Angela
6:20 PM	[206] The calibration methods for the MEG experiment and its upgrade	PAPA, Angela
6:21 PM	[209] The aSPECT experiment – Investigation of systematic uncertainties by Monte Carlo simulations	Mr SCHMIDT, Christian
6:22 PM	[208] The aSPECT experiment – current status of the analysis	Mr WUNDERLE, Alexander
6:23 PM	[242] Design and performance of the proposed cold neutron beam facility for particle physics at the ESS	SOLDNER, Torsten
6:24 PM	[244] Status of the PSI UCN source	HILD, Nicolas -, on behalf of the UCN Team at PSI
6:25 PM	[247] Data Acquisition with GPUs for the Muon g-2 Experiment at Fermilab	Dr GOHN, Wesley
6:26 PM	[246] Neutron moderators for the European Spallation Source	KLINKBY, Esben
6:27 PM	[243] A new muon beam line for fundamental physics study in J-PARC	Dr KAWAMURA, Naritoshi
6:28 PM	[165] CALIPSO : a moderated positron calibration source for proton spectroscopy	Mr VIROT, Romain
6:29 PM	[161] Radiative Decay Counter for Ultimate Sensitivity of MEG II Experiment	Mr IWAI, Ryoto
6:30 PM	[201] Performance of MEG II Positron Timing Counter Based on Commissioning Run Result	Ms NISHIMURA, Miki

6:31 PM	[147] A tracking detector for the P2 experiment	Prof. BERGER, Niklaus
6:32 PM	[233] Monte Carlo simulations for the neutron EDM experiment at TRIUMF	Mr CHRISTOPHER, Nicholas
6:33 PM	[258] A Scintillation Stopping Target for the MEG II Experiment	Mr BERG, Felix Anton
6:34 PM	[265] Cs magnetometers in the nEDM experiment at PSI	Dr KASPRZAK, Malgorzata
6:35 PM	[261] Study of Discrete Symmetry Breaking Effects in Neutron-induced Compound States	Prof. SHIMIZU, Hirohiko
6:36 PM	[264] Data blinding for the nEDM experiment	Dr KREMPEL, Jochen
6:37 PM	[263] Neutron decay measurements with PERKEO III	Mr ROICK, Christoph
6:38 PM	[158] Neutral currents in muonic atoms	Dr WAUTERS, Frederik
6:50 PM	[266] Preparation for the Time Reversal Invariance experiment at COSY (TRIC)	Dr VALDAU, Yury
6:51 PM	[269] Cartan's Torsion as Origin for Cosmological Constant and Dark Energy Density	Prof. IVANOV, A.N.
6:57 PM	[267] muCool: Development of a novel high-brightness low-energy muon beamline	BELOSEVICH, Ivana
6:58 PM	[268] Electric field studies for nEDM experiments	THORNE, Jacob