

Physics of fundamental Symmetries and Interactions - PSI2019

Tuesday, October 22, 2019

BBQ - Drinks & Posters - WHGA/001 - Auditorium (4:30 PM - 7:30 PM)

time	[id] title	presenter
4:45 F	[M1] Probing neutrino nature and time reversal symmetry violation in elastic scattering of low energy neutrinos on polarized electrons in presence of nonstandard couplings	Dr SOBKOW, Wieslaw
4:49 F	[M8] Study of Future 3D Calorimetry Based on LYSO or LaBrCe Crystals for High Energy Precision Physics	SCHWENDIMANN, Patrick
4:50 F	[M9] The Mu3e Data Acquisition System	BERGER, Niklaus
4:51 F	[M52] Dispersive treatment of the EM radiative corrections to the pion vector form factor	MONNARD, Joachim
4:52 F	[M22] Sensitive and stable vector magnetometer for operation in zero and finite fields	Dr BONDAR, Vira
4:53 F	[M50] Study on Aging of Photomultiplier Tubes for MEG II Liquid Xenon Calorimeter	TOYODA, Kazuki
4:54 F	[M24] Status of the neutron lifetime experiment τ SPECT	KAHLENBERG, Jan ROSS, Kim Ulrike
4:55 F	[M8] Project 8: First application of CRES to tritium decay	Prof. FERTL, Martin
4:56 F	[M19] Axion-Dark-Matter Search using Cold Neutrons	SCHULTHESS, Ivo
4:57 F	[M35] Study on Time Offset Effect for Scintillation Detectors with Series-Connected SiPM Readout	YANAI, Kosuke
4:58 F	[M9] The power distribution system for the Mu3e experiment.	WAUTERS, Frederik
4:59 F	[M6] Efficient in-trap laser-induced loading of rare species into an EBIT for high-precision mass spectrometry at Pentatrap	KÖNIG, Charlotte
5:00 F	[M2] GADGET: a novel ultra-cold neutron gaseous detector for the n2EDM project	Mr CHEN, Jianqi Mr SAENZ, William
5:01 F	[M15] μ EDM: Search for a Muon Electric Dipole Moment at PSI	SAKURAI, Mikio
5:02 F	[M28] Measurements for Control of Magnetic Field Related Systematic Effects for the PSI Neutron Electric Dipole Moment Experiment	AYRES, Nicholas
5:03 F	[M6] Search for muon catalyzed $d^3\text{He}$ fusion.	KRAVCHENKO, POLINA
5:04 F	[M5] NA64 - Search for dark matter at CERN SPS	DEPERO, Emilio
5:05 F	[M05] Probing neutrinos and nuclei with COHERENT	SALVAT, Daniel
5:06 F	[M26] Searching for Physics beyond the Standard Model using Antiprotons at BASE	WURSTEN, Elise
5:07 F	[M1] μ Cool: Development of ultra-cold high-brightness muon beam line	IWAI, Ryoto
5:08 F	[M7] Latest results of the high-precision mass spectrometer Pentatrap	Mr SCHWEIGER, Christoph
5:09 F	[M44] The τ SPECT experiment - Overview of systematic uncertainties	Dr SCHMIDT, Christian

5:10 P	M140] Data Acquisition for the n2EDM Experiment	KREMPEL, Jochen ON BEHALF OF THE NEDM COLLABORATION
5:11 P	M18] Searching for New Physics with the Mu3e Detector	BERGER, Niklaus
5:12 P	M142] UCN energy spectrum measurements using the OTUS spectrometer	ROZPEDZIK, Dagmara
5:13 P	M14] Analysis of the hyperfine splitting of the $\rightarrow 4$ transitions in muonic Re-185 and Re-187	VOGIATZI, Stergiani Marina
5:14 P	M15] Search for a permanent electric dipole moment on the electron (eEDM) using BaF molecules	Mr MEIJKNECHT, Thomas B.
5:15 P	M19] Positron Reconstruction Algorithms for MEG II Pixelated Timing Counter	USAMI, Masashi
5:16 P	M15] Recent Measurements of Vacuum Muonium	RITJOHO, Narongrit
5:17 P	M15] Towards a beta spectrum shape measurement at WISArD (CERN)	Mr VANLANGENDONCK, Simon
5:18 P	M16] Ultracold neutron production and extraction from the solid deuterium converter of the PSI UCN source	RIENÄCKER, Ingo
5:19 P	M132] Overview of the Beam EDM Project and Latest Results	CHANEL, Estelle
5:21 P	M123] Evaluation of Radiation Effects on VUV-MPPC	ONDA, Rina
5:22 P	M131] n2EDM Ramsey Chamber	Dr THORNE, Jacob
5:23 P	M134] Towards quantum logic inspired techniques for tests of discrete symmetries with (anti-)protons	CORNEJO, J. M.
5:24 P	M138] Searching for Neutron - Mirror Neutron Oscillations	Mr MOHANMURTHY, Prajwal
5:25 P	M17] Electromagnetic design of NoMoS, a neutron decay products momentum spectrometer	MOSER, Daniel
5:26 P	M117] BRAND: Search for BSM physics at TeV scale by exploring the transverse polarization of electrons emitted in neutron decay	Mrs DHANMEHER, Karishma
5:27 P	M12] Monte Carlo studies of μ diffusion for the hyperfine-splitting experiment at PSI	NUBER, Jonas
5:28 P	M13] The ASACUSA hydrogen hyperfine structure measurement	Mr LANZ, Andreas
5:29 P	M10] Design of the detection system for the measurement of the hyperfine splitting in muonic hydrogen	SINKUNAITTE, Laura
5:30 P	M11] Measurement of the Lamb Shift of Antihydrogen	JANKA, Gianluca
5:31 P	M14] Towards parity violation and tunneling in chiral molecules: An experiment in the mid-infrared range using a pulsed slit jet expansion.	Dr WICHMANN, Gunther
5:32 P	M12] Experiment on measuring the ratio of the axial and vector constants of weak interaction	FOMIN, Alexey
5:33 P	M10] A Tracking Detector for the P2 Experiment	BERGER, Niklaus
5:34 P	M12] NNLO corrections in massive QED	Mr ENGEL, Tim
5:35 P	M14] Manipulating the translational and internal degrees of freedom of hydrogen atoms	Mr SCHEIDEGGER, Simon
5:36 P	M13] Muonic Atom Spectroscopy: Preparations Regarding a Measurement of the Charge Radius of Radium	SKAWRAN, Alexander Albert
5:37 P	M17] Two-Higgs-Doublet Models with Soft CP-violation Facing Current and Future EDM Tests	Dr MAO, Ying-nan

5:38 P	M133] Calibration of VUV-sensitive MPPCs of MEG II Liquid Xenon Gamma-ray Detector	KOBAYASHI, Satoru
5:39 P	M116] Detection System for NoMoS	Mr KHALID, Waleed Dr VALENTAN, Manfred
5:40 P	M108] Beta spectrum shape measurements using backscatter recognition	DE KEUKELEERE, Lennert
5:41 P	M174] Asacusa's Ramsey spectrometer for high precision hyperfine spectroscopy	Mr NANDA, Amit
5:43 P	M100] Precision tests of discrete symmetries in the decays of positronium atoms using the J-PET detector	Dr SHARMA, Sushil
5:45 P	M121] Data analysis of the search for an electric dipole moment of the neutron	SCHMIDT-WELLENBURG, Philipp
5:46 P	M144] The TRIUMF UltraCold Advanced Neutron source and EDM experiment	SCHREYER, Wolfgang
5:47 P	M140] Neutron spin rotation at Laue diffraction in a weakly deformed transparent noncentrosymmetric crystal	Prof. FEDOROV , Valery
5:48 P	M101] Testing the Pauli Exclusion Principle for electrons with the VIP-2 experiment	Dr DE PAOLIS, Luca
5:50 P	M136] The τ SPECT neutron lifetime experiment	RIES, Dieter
5:51 P	M14] Correlating Tauonic B Decays to the Neutron EDM via a Scalar Leptoquark	CRIVELLIN, Andreas
5:52 P	M154] Search for new internucleon short-range interaction in neutron scattering	SHAPIRO, Dmitrii
5:53 P	M101] Improvements in analyzing Lorentz symmetry violation in double-beta decay	Prof. STOICA, Sabin
5:54 P	M109] WISArD : Weak Interaction Studies with ^{32}Ar	VERSTEEGEN, Maud
5:55 P	M100] qBOUNCE: first results of the Ramsey-type GRS experiment	BOSINA, Joachim
5:56 P	M106] Update on Commissioning and Development of Cryogenic SOS@PULSTAR apparatus	Dr KOROCHKINA, Ekaterina
5:57 P	M106] SEARCH FOR EXOTIC DECAYS WITH NA62	CENCI, Patrizia
5:58 P	M101] Considerations for a caesium magnetometer array for the n2EDM experiment	Mr VICENTE PAIS, Duarte
5:59 P	M108] Nondecoupling Signatures of Supersymmetry and an $S_{L_{\mu} - L_{\tau}}$ Gauge Boson at Belle-II	BANERJEE, Heerak
6:00 P	M149] Simulation model of the UCN optics system of the n2EDM apparatus at PSI	Dr ZSIGMOND, Geza
6:01 P	M153] Next generation active magnetic shielding for n2EDM	Mrs EMENEGGER, Solange
6:02 P	M10] PADME experiment status	PIPERNO, Gabriele
6:03 P	M160] The bound beta decay of the free neutron (BOB) - a unique tool to study the weak interaction at low energies	Dr GUTSMIEDL, Erwin
6:04 P	M151] Search for Axion-like Particles with the nEDM Spectrometer at PSI	CHIU, Pin-Jung
6:05 P	M155] qBounce: Ramsey gravity resonance spectroscopy explained	MICKO, Jakob
6:06 P	M161] Mu3e fibre telescope	GERRITZEN, Lukas
6:07 P	M162] Method to search for axion-like particles (ALPs) in storage rings	Ms KARANTH, Swathi
6:08 P	M168] Ordinary Muon Capture studies for the matrix elements in double-beta decay.	ZINATULINA, Daniya
6:09 P	M158] Charged particle spectra from nuclear muon capture on Al	OLIN, Arthur
6:10 P	M170] High-Resolution Spectroscopy of He2 and He2+ for testing ab initio calculations and metrology	Dr JANSEN, Paul
6:11 P	M171] A multi-pass optical cavity for the HyperMu experiment	MARSZALEK, Miroslaw

6:12 PM	[M72] The photon dipole in generic extensions of the Standard Model	MOLDANAZAROVA, Ulserik
6:13 PM	[M6] Experimental Limiting Factors for the search of $\mu \rightarrow e \gamma$ at Future Facilities	RENGA, Francesco
6:14 PM	[M7] BL3: A next generation "beam" experiment to measure the neutron lifetime	GREENE, Geoffrey