

| | (Co-)Spokespersons | Affiliation | Title of the experiment | Approval status (PAC recommendation) | Beamline | Status | From 2014 | From 2016 |
|-----|------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------|-------------------|------------------------------------------------|-------------------------------------------------|
| | | | | | | | Leading Referees | Leading Referees |
| E03 | K.Tanida | SNU | Measurement of X-rays from π^0 Atom | Stage 2 | K1.8 | | Weise, Shimizu, Zajc, Hatsuda | Weise, Tamura, Zajc, Hatsuda |
| P04 | J.C.Peng; S.Sawada | U of Illinois at Urbana-Champaign; KEK | Measurement of High-Mass Dimuon Production at the 50-GeV Proton Synchrotron | Deferred | Primary | | Imai, Dote, Zajc, Hatsuda, Hanagaki | |
| E05 | T.Nagae | Kyoto U | Spectroscopic Study of π^0 Hypernucleus, ^{12}Be , via the $^{12}\text{C}(K^-, K^+)$ Reaction | Stage 2 | K1.8 | | Weise, Shimizu, Sakurai | Weise, Tamura, Pochodzalla |
| E06 | J.Imazato | KEK | Measurement of T-violating Transverse Muon Polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ Decays | Stage 1 | K1.1BR | | | |
| E07 | K.Imai, K.Nakazawa, H.Tamura | JAEA, Gifu U, Tohoku U | Systematic Study of Double Strangeness System with an Emulsion-counter Hybrid Method | Stage 2 high priority in the SX mode to run before summer 2016 | K1.8 | | Weise, Shimizu, Hanagaki | Weise, Pochodzalla, Hanagaki |
| E08 | A.Krutenkova | ITEP | Pion double charge exchange on oxygen at J-PARC | Stage 1 | K1.8 | | Dote, Imai, Zajc | Weise, Tamura, Zajc |
| E10 | A.Sakaguchi, T.Fukuda | Osaka U, Osaka EC U | Production of Neutron-Rich Lambda-Hypernuclei with the Double Charge-Exchange Reaction (Revised from Initial P10) | Stage 2 | K1.8 | Data taking | Weise, Hatsuda, Zajc | Weise, Hatsuda, Zajc |
| E11 | T.Kobayashi | KEK | Tokai-to-Kamioka (T2K) Long Baseline Neutrino Oscillation Experimental Proposal | Stage 2 | neutrino | Data taking | Louis, Blucher, Inoue, Isidori | Harris, Kettell, Inoue, Isidori, Kitano |
| E13 | H.Tamura | Tohoku U | Gamma-ray spectroscopy of light hypernuclei | Stage 2 | K1.8 | Finished | Weise, Shimizu, Hatsuda, Edelman | |
| E14 | T.Yamanaka | Osaka U | Proposal for $K_L \rightarrow \pi^0 \nu \bar{\nu}$ Experiment at J-PARC | Stage 2 | KL | Data taking | Imai, Blucher, Browder, Isidori, Hanagaki | Pochodzalla, Kettell, Kitano, Isidori, Hanagaki |
| E15 | M.Wasaki, T.Nagae | RIKEN, Kyoto U | A Search for deeply-bound kaonic nuclear states by in-flight $^3\text{He}(K^-, n)$ reaction | Stage 2 | K1.8BR | Data taking | Imai, Dote, Sakurai, Zajc | To be renewed |
| E16 | S.Yokkaichi | RIKEN | Measurements of spectral change of vector mesons in nuclei (previously "Electron pair spectrometer at the J-PARC 50-GeV PS to explore the chiral symmetry in QCD") | Stage 1 | High p | | Weise, Shimizu, Hatsuda, Edelman | Weise, Tamura, Hatsuda, Edelman |
| E17 | R.Hayano, H.Outa | U Tokyo, RIKEN | Precision spectroscopy of Kaonic ^3He $3d \rightarrow 2p$ X-rays | Registered as E62 with an updated proposal | K1.8BR | | Imai, Dote, Sakurai, Hanagaki | |
| E18 | H.Bhang, H.Outa, H.Park | SNU, RIKEN, KRIS | Coincidence Measurement of the Weak Decay of ^{12}C and the three-body weak interaction process | Stage 2 | K1.8 | | Weise, Imai, Zajc | Weise, Pochodzalla, Zajc |
| E19 | M.Naruki | KEK | High-resolution Search for $e^+ \text{Pentaquark}$ in $\pi^+ p \rightarrow K^+ X$ Reactions | Stage 2 | K1.8 | Finished | Sakurai, Dote, Zajc | |
| E21 | Y.Kuno | Osaka U | An Experimental Search for $\mu - e$ Conversion at a Sensitivity of 10^{-16} with a Slow-Extracted Bunched Beam | Stage 1 TRK should be posted by April 2nd for Stage 2 | COMET | | Louis, Weise, Inoue, Browder, Isidori, Edelman | Harris, Kitano, Browder, Isidori, Edelman |
| E22 | S.Ajimura, A.Sakaguchi | Osaka U | Exclusive Study on the Lambda-N Weak Interaction in A=4 Lambda-Hypernuclei (Revised from Initial P10) | Stage 1 | K1.8 | | Weise, Imai, Zajc | Weise, Tamura, Zajc |
| T25 | S.Mihara | KEK | Extinction Measurement of J-PARC Proton Beam at K1.8BR | Test Experiment (coordinated by JPNC) | K1.8BR | Data taking | | |
| E26 | K.Ozawa | KEK | Search for ω -meson nuclear bound states in the $\pi^+ \rightarrow \pi^0 Z \rightarrow \pi^+ \pi^+ (Z^-)$ reaction, and for ω mass modification in the in-medium $\omega \rightarrow \pi^0 \gamma$ decay | Stage 1 | K1.8 | | Dote, Sakurai, Hatsuda, Edelman | Kuze, Hatsuda, Edelman |
| E27 | T.Nagae | Kyoto U | Search for a nuclear Kbar bound state $K^0 p$ in the $d(\pi^+, K^+)$ reaction | Stage 2 | K1.8 | Data taking | Weise, Shimizu, Sakurai, Hatsuda | Weise, Tamura, Kuze, Hatsuda |
| E29 | H.Ohnishi | RIKEN | Search for ϕ -meson nuclear bound states in the $pbar + ^4\text{He} \rightarrow \phi + ^4\text{He} (Z^-)$ reaction | Stage 1 | K1.1 | | Dote, Shimizu, Zajc, Hatsuda | Tamura, Zajc, Hatsuda |
| E31 | H.Noumi | Osaka U | Spectroscopic study of hyperon resonances below KN threshold via the (K^-, n) reaction on Deuteron | Stage 2 | K1.8BR | Data taking | Weise, Shimizu, Imai, Hatsuda | Weise, Tamura, Pochodzalla, Hatsuda |
| T32 | A.Rubbia | ETH, Zurich | Towards a Long Baseline Neutrino and Neutron Decay Experiment with a next-generation 100 kton Liquid Argon TPC detector at Okinoshima and an intensity upgraded J-PARC Neutrino beam | Test Experiment | K1.1BR | Finished | | |
| P33 | H.M.Shimizu | Nagoya U | Measurement of Neutron Electric Dipole Moment | Deferred | Linac | | To be discussed later | To be discussed later |
| E34 | N.Saito, M.Iwasaki | KEK, RIKEN | An Experimental Proposal on a New Measurement of the Muon Anomalous Magnetic Moment g-2 and Electric Dipole Moment at J-PARC | Stage 1 TRK should be updated for Stage 2 | MLF | | Louis, Browder, Inoue, Isidori, Hanagaki | Harris, Kettell, Isidori, Hanagaki, Kitano |
| E36 | M.Kohl, S.Shimizu | Hampton U, Osaka U | Measurement of $\Gamma(K^+ \rightarrow e^+ \nu) / \Gamma(K^+ \rightarrow \mu^+ \nu)$ and Search for heavy sterile neutrinos using the TREK detector system | Stage 2 | K1.1BR | Finished | Browder, Blucher, Louis, Isidori, Edelman | Browder, Kettell, Isidori, Edelman |
| E40 | K.Miwa | Tohoku U | Measurement of the cross sections of Σp scatterings | Stage 2 | K1.8 | | Dote, Shimizu, Hatsuda, Zajc | Kettell, Kuze, Hatsuda, Zajc |
| P41 | M.Aoki | Osaka U | An Experimental Search for $\mu - e$ Conversion in Nuclear Field at a Sensitivity of 10^{-14} with Pulsed Proton Beam from RCS | Deferred | MLF | | Louis, Weise, Inoue, Browder, Isidori, Edelman | |
| E42 | J.K.Ahn | Pusan National U | Search for H-Dibaryon with a Large Acceptance Hyperon Spectrometer | Stage 1 TRK should be updated for Stage 2 | K1.8 | | Dote, Sakurai, Hatsuda, Hanagaki | Kuze, Hatsuda, Hanagaki |
| E45 | K.H.Hicks, H.Sako | Ohio U, JAEA | 3-Body Hadronic Reactions for New Aspects of Baryon Spectroscopy | Stage 1 | K1.8 | | Shimizu, Dote, Hatsuda | Tamura, Kuze, Hatsuda |
| T46 | K.Ozawa | KEK | EDIT2013 beam test program | Test Experiment | K1.1BR | Abandoned | | |
| T49 | T.Maruyama | KEK | Test for 250L Liquid Argon TPC | Test Experiment | K1.1BR | Withdrawn | | |
| E50 | H.Noumi | Osaka U | Charmed Baryon Spectroscopy via the (π, D^+) reaction | Stage 1 IPNS should investigate the safety aspect of the beam-line | High p | | Isidori, Browder, Shimizu, Hatsuda, Edelman | Isidori, Browder, Kettell, Hatsuda, Edelman |
| T51 | S.Mihara | KEK | Research Proposal for COMET (E21) Calorimeter Prototype Beam Test | Test Experiment | K1.1BR | had to be stopped | | |
| T52 | Y.Sugimoto | KEK | Test of fine pixel CCDs for ILC vertex detector | Test Experiment | K1.1BR | not performed yet | | |
| T53 | D.Kawama | RIKEN | Test of GEM Tracker, Hadron Blind Detector and Lead-glass EMC for the J-PARC E16 experiment | Test Experiment | K1.1BR | not performed yet | | |
| T54 | K.Miwa | Tohoku U | Test experiment for a performance evaluation of a scattered proton detector system for the Σp scattering experiment E40 | Test Experiment | K1.1BR | not performed yet | | |
| T55 | A.Toyoda | KEK | Second Test of Aerogel Cherenkov counter for the J-PARC E36 experiment | Test Experiment | K1.1BR | had to be stopped | | |
| E56 | T.Maruyama | KEK | A Search for Sterile Neutrino at J-PARC Materials and Life Science Experimental Facility | Stage 1 status | MLF | | Inoue, Isidori, Blucher, Edelman | Kuze, Isidori, Kettell, Edelman, Kitano |
| E57 | J.Zmeskal | Stefan Meyer Institute for Subatomic Physics | Measurement of the strong interaction induced shift and width of the 1s state of kaonic deuterium at J-PARC | Stage 1 status Commissioning run with E62 before summer 2016 | K1.8BR | | Imai, Dote, Sakurai, Hatsuda, Zajc | Pochodzalla, Tamura, Hatsuda, Zajc |
| P58 | M.Yokoyama | U. Tokyo | A Long Baseline Neutrino Oscillation Experiment Using J-PARC Neutrino Beam and Hyper-Kamiokande | Deferred | neutrino | | Louis, Blucher, Isidori, Hanagaki | Harris, Kettell, Isidori, Hanagaki |
| T59 | A.Minamoto | Kyoto U | A test experiment to measure neutrino cross sections using a 3D grid-like neutrino detector with a water target at the near detector hall of J-PARC neutrino beam-line | To be arranged by IPNS and KEK-T2K | neutrino monitor bld | Finished | Discussion in the sub-committee | Discussion in the sub-committee |
| T60 | T.Fukuda | Toho U | Proposal of an emulsion-based test experiment at J-PARC | Arranged by IPNS and KEK-T2K | neutrino monitor bld | Finished | Discussion in the sub-committee | Discussion in the sub-committee |
| P61 | M.Wilking | Stony Brook U | nuPRISM | Deferred | neutrino | | Louis, Blucher, Inoue, Isidori | Harris, Kettell, Inoue, Isidori, Kitano |
| E62 | R.Hayano, S.Okada, H.Outa | U. Tokyo, RIKEN | Precision Spectroscopy of kaonic atom X-rays with TES | Stage 2 Commissioning run with E57 before summer 2016 | K1.8BR | | Imai, Dote, Sakurai, Hanagaki | Hatsuda, Tamura, Hanagaki, Kuze |
| E63 | H.Tamura | Tohoku U | Gamma-ray spectroscopy of light hypernuclei II | Stage 1 | K1.1 | | Weise, Shimizu, Hatsuda, Edelman | Weise, Pochodzalla, Hatsuda, Edelman |

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| Stage1/2 granted | PAC21 presentation | PAC21 judgement |
| Approved test exp. | finished or not considered to be done in near future | |