

| | (Co-)Spokespersons | Affiliation | Title of the experiment | Approval status (PAC recommendation) | Slow line priority | | Beamline |
|-----|------------------------------|--|--|--------------------------------------|--------------------|---------------|--------------|
| | | | | | Day1? | Day1 Priority | |
| E03 | K.Tanida | Kyoto U | Measurement of X rays from Ξ Atom | Stage 2 | | | K1.8 |
| 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 |
| E05 | T.Nagae | Kyoto U | Spectroscopic Study of Ξ -Hypernucleus, $^{12}_{\Xi}\text{Be}$, via the $^{12}\text{C}(K^-, K^+)$ Reaction | Stage 2 | Day1 | 1 | K1.8 |
| 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 | Kyoto U., Gifu U., Tohoku U. | Systematic Study of Double Strangeness System with an Emulsion-counter Hybrid Method | Stage 2 | | | K1.8 |
| E08 | A.Krutenkova | ITEP | Pion double charge exchange on oxygen at J-PARC | Stage 1 | | | K1.8 |
| E10 | A. Sakaguchi, T. Fukuda | Osaka U | Production of Neutron-Rich Lambda-Hypernuclei with the Double Charge-Exchange Reaction (Revised from Initial P10) | Stage 2 | | | K1.8 |
| E11 | T. Kobayashi | KEK | Tokai-to-Kamioka (T2K) Long Baseline Neutrino Oscillation Experimental Proposal | Stage 2 | | | neutrino |
| E13 | T.Tamura | Tohoku U. | Gamma-ray spectroscopy of light hypernuclei | Stage 2 | Day1 | 2 | K1.8 |
| E14 | T.Yamanaka | Osaka University | Proposal for $K_L \rightarrow \pi^0 \nu \bar{\nu}$ Experiment at J-PARC | Stage 2 | | | K0 |
| E15 | M.Iwasaki, T.Nagae | RIKEN, Kyoto | A Search for deeply-bound kaonic nuclear states by in-flight $^3\text{He}(K^-, n)$ reaction | Stage 2 | Day1 | | K1.8BR |
| E16 | S.Yokkaichi | RIKEN | Electron pair spectrometer at the J-PARC 50-GeV PS to explore the chiral symmetry in QCD | Stage 1 | | | High p |
| E17 | R.Hayano, H.Outa | U. Tokyo, RIKEN | Precision spectroscopy of Kaonic ^3He $3d \rightarrow 2p$ X-rays | Stage 2 | Day1 | | K1.8BR |
| E18 | H.Bhang, H.Outa, H.Park | SNU, RIKEN, KRISS | Coincidence Measurement of the Weak Decay of $^{12}_{\Lambda}\text{C}$ and the three-body weak interaction process | Stage 1 | | | K1.8 |
| E19 | M.Naruki | KEK | High-resolution Search for Θ^+ Pentaquark in $\pi^+ p \rightarrow K^+ X$ Reactions | Stage 2 | Day1 | | K1.8 |
| 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 | | | New beamline |
| 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 |

---- J-PARC PAC Approval summary after the 10th meeting ---

Proposals

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|-----|----------------------|-------------|---|------------------------------|--|--|----------|
| T25 | S.Mihara | KEK | Extinction Measurement of J-PARC Proton Beam at K1.8BR | test experiment | will be coordinated by JPNC | | K1.8BR |
| E26 | K.Ozawa | U. Tokyo | Search for ω -meson nuclear bound states in the $\pi^- + {}^A Z \rightarrow n + ({}^{A-1})_{\omega}(Z-1)$ reaction, and for ω mass modification in the in-medium $\omega \rightarrow \pi^0 \gamma$ decay. | Stage 1 | | | K1.8 |
| E27 | T.Nagae | Kyoto U | Search for a nuclear Kbar bound state $K^- pp$ in the $d(\pi^+, K^+)$ reaction | Stage 2 | | | K1.8 |
| P28 | H.Fujioka | Kyoto U | Study of isospin dependence of kaon-nucleus interaction by in-flight ${}^3\text{He}(K^-, n/p)$ reactions | approved as a part of E15 | | | K1.8BR |
| E29 | H.Ohnisi | RIKEN | Search for ϕ -meson nuclear bound states in the $p\bar{p} + {}^A Z \rightarrow \phi + ({}^{A-1})_{\phi}(Z-1)$ reaction | Stage 1 | | | K1.1 |
| E31 | H.Noumi | Osaka U | Spectroscopic study of hyperon resonances below KN threshold via the (K^-, n) reaction on Deuteron | Stage 1 | | | K1.8 |
| T32 | A. Rubbia | ETH, Zurich | Towards a Long Baseline Neutrino and Nucleon Decay Experiment with a next-generation 100 kton Liquid Argon TPC detector at Okinoshima and an intensity upgraded J-PARC Neutrino beam | Test Experiment | schedule and beam time will be coordinated by JPNC | | K1.1BR |
| P33 | H. M. SHIMIZU | KEK | Measurement of Neutron Electric Dipole Moment | Deferred | | | Linac |
| P34 | 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 | Deferred | | | MFL |
| P35 | T.KAJITA | ICRR, Tokyo | A test experiment to measure sub-GeV flux in the on-axis direction at the J-PARC neutrino beam | to be Decided by E11 and Lab | | | neutrino |
| P36 | S.Shimizu | Osaka | Measurement of $\Gamma(K^+ \rightarrow e^+ \nu) / \Gamma(K^+ \rightarrow \mu^+ \nu)$ and Search for heavy sterile neutrinos using the TREK detector system | Deferred | | | |
| T37 | K.Inami | Nagoya | Test of TOP counter for B-factory upgrade | Test Experiment | will be coordinated by JPNC | | K1.1BR |
| T38 | T. Nanjo | Kyoto | Proposal for Measuring Hadron Response at K1.1BR for KOTO Experiment | Test Experiment | will be coordinated by JPNC | | K1.1BR |
| P02 | P.Aslyan | JINR | Study of Exotic Multiquark States with Λ -Hyperons and K_s^0 Meson Systems at JPARC | Rejected | | | |
| P39 | K. Sakashita | KEK | A study of water Cherenkov detector for counting the number of neutrino at Near detector hall of J-PARC neutrino beam-line | to be Decided by E11 and Lab | | | neutrino |