

	(Co-)Spokespersons	Affiliation	Title of the experiment	Approval status (PAC recommendation)	Beamline	Status
E03	K.Tanida, T.Yamamoto	JAEA	Measurement of X rays from Ξ^- Atom	Stage 2	K1.8	1st-phase data analysis, 2nd-phase to be reviewed
E08	A.Krutenkova	ITEP	Pion double charge exchange on oxygen at J-PARC	Stage 1	K1.8	
E10	R.Honda	KEK	Production of Neutron-Rich Lambda-Hypernuclei with the Double Charge-Exchange Reaction (Revised from Initial P10)	Stage 2	K1.8	Li run finished, Be target run with S-2S
E11	K.Sakashita, K. Mahn	KEK, Michigan State U	Tokai-to-Kamioka (T2K) Long Baseline Neutrino Oscillation Experimental Proposal	Stage 2	neutrino	Data taking
E14	T.Nomura	KEK	Proposal for $K_L \rightarrow \pi^0 \nu \bar{\nu}$ Experiment at J-PARC	Stage 2	KL	Data taking
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-2 Approval for the first stage (300 hours) A timely completion of the run with the additional 150 hours is recommended to observe significant statistics also in the backward detector stations. It is also suggested to take any effort to produce meaningful plots demonstrating the performance of the system based on the already existing data.	High p	Data taking
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 2	K1.8	
E21	M.Aoki	Osaka U	An Experimental Search for $\mu - e$ Conversion at a Sensitivity of 10^{-16} with a Slow-Extracted Bunched Beam	Stage 2	COMET	
E22	S.Ajimura, A.Sakaguchi	Osaka-RCNP, Osaka U	Exclusive Study on the Lambda-N Weak Interaction in $A=4$ Lambda-Hypernuclei	Stage 1	K1.8	
E26	K.Ozawa	KEK	Search for ω -meson nuclear bound states in the $\pi^- + ^AZ \rightarrow n + ^{(A-1)}_\omega(Z-1)$ reaction, and for ω mass modification in the in-medium $\omega \rightarrow \pi^0 \gamma$ decay	Stage 1	K1.8	
E29	H.Ohnishi	Tohoku-RAIS	Search for ϕ -meson nuclear bound states in the $p\bar{b} + ^AZ \rightarrow \phi + ^{(A-1)}_\phi(Z-1)$ reaction	Stage 1	K1.1	
E34	T. Mibe	KEK	An Experimental Proposal on a New Measurement of the Muon Anomalous Magnetic Moment g-2 and Electric Dipole Moment at J-PARC	Stage 2	MLF	
E45	H.Sako, P.L. Cole, S. Kim	JAEA Lamar U Kyongpook National U	3-Body Hadronic Reactions for New Aspects of Baryon Spectroscopy	Stage 2 PAC recommends granting the requested beam time of 2.5 days for the third resonance measurements with the commissioning time of 2 days with E72 and E104.	K1.8/K1.8BR	Data taking
E50	H.Noumi	Osaka-RCNP	Charmed Baryon Spectroscopy via the (π, D^{*+}) reaction	Stage 1 The FIFC, IPNS, and E50 should investigate the beam-line feasibility	High p	
E56	T.Maruyama	KEK	A Search for Sterile Neutrino at J-PARC Materials and Life Science Experimental Facility	Stage 2	MLF	Data taking
E57	T.Hashimoto, C.Curceanu	RIKEN, INFN-LNF	Measurement of the strong interaction induced shift and width of the 1s state of kaonic deuterium at J-PARC	Stage 1	K1.8BR	in preparation
E63	H. Tamura, M. Ukai	Tohoku U	Gamma-ray spectroscopy of light hypernuclei II	Stage 2	K1.1/K1.8	Data taking (K1.8)
E65	K.Sakashita, K. Mahn	KEK, Michigan State U	Proposal for T2K Extended Run	Stage-2	neutrino	Data taking
E70	T. Nagae	Kyoto U	Proposal for the next E05 run with the S-2S spectrometer	Stage-2	K1.8	Data taking
E71	T. Fukuda	Nagoya U	Proposal for precise measurement of neutrino-p-water cross-section in NINJA physics run	Stage-2	neutrino	Data taking
E72	K.Tanida S. Yang S. Hayakawa	JAEA Korea U Tohokku U	Search for a Narrow Λ^* Resonance using the $p(K^-, \Lambda)\eta$ Reaction with the hypTPC Detector	Stage-2 PAC recommends granting the missing 1.5-day physics run and a 0.5-day empty target run with 2-day start-up and commissioning time which is common to E72, E45, and E104.	K1.8BR	Data taking
E75	H.Fujioka	Inst. Science Tokyo	Decay Pion Spectroscopy of $5\Lambda\Lambda\text{H}$ Produced by Ξ -hypernuclear Decay	Stage-2	K1.8	

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E79	T.Ishikawa	Osaka-RCNP	Search for an I=3 dibaryon resonance	Stage-1	high-p	
E80	F.Sakuma	RIKEN	Systematic investigation of the light kaonic nuclei	Stage-2	K1.8BR	
E82	T.Maruyama	KEK	JSNS2-II	Stage-2	MLF	Data taking
E83	J. H. Yoo	Korea U	Search for sub-millicharged particles at J-PARC	Stage-2	neutrino	Data taking
P84	S. Nakamura	U Tokyo	High precision spectroscopy of Lambda hypernuclei with the ($\Lambda\pi^+$, K^+) reaction at the High Intensity High Resolution beamline	Deferred. This proposal is a part of the hadron extension discussion and PAC awaits the outcome of the special committee to convene in August for more information.	HIHR	
P85	K. Shirotori	Osaka-RCNP	Spectroscopy of Omega Baryons	Deferred. This proposal is a part of the hadron extension discussion and PAC awaits the outcome of the special committee to convene in August for more information.	K10, T2 target	
E86	K. Miwa	Tohoku U	Measurement of the differential cross section and spin observables of the Λp scattering with a polarized Λ beam	Stage 1	K1.1	
P87	T. Gunji, K. Ozawa, H. Sako	U Tokyo, KEK, JAEA	Proposal for dielectron measurements in heavy-ion collisions at J-PARC with E16 upgrades	Deferred. PAC encourages the proponents to think about more versatile detector enabling (for example) concurrent measurement of leptonic and hadronic measurements.	HI, high-p	
E88	H. Sako	JAEA	Study of in-medium modification of phi mesons inside the nucleus with $\phi \rightarrow K^+K^-$ measurement with the E16 spectrometer	Stage-1	high-p	
E89	T. Yamaga	KEK	Investigation of fundamental properties of the KNN state	Stage-1	K1.8BR	
E90	Y.Ichikawa, K.Tanida	Tohoku U JAEA	High resolution spectroscopy of the " ΣN cusp" by using the $d(K^-, \pi^-)$ reaction	Stage-2	K1.8	
P91	Y.Morino	KEK	Proposal for study of charm component in the nucleon via J/ψ measurement with the J-PARC E16 spectrometer	Deferred.	high-p	
P92	F.Sakuma	RIKEN	Proposal for the E80 Phase-I Experiment: Investigation of the KNNN ⁻ Bound State Focusing on the Λd Decay	Deferred.	K1.8BR	
P93	K.Shirotori	Osaka-RCNP	Proposal of test experiment to evaluate performances of secondary beam mode at the high-momentum beam line	Deferred. PAC requests the proponent to continue discussion with the Lab/Facility management	high-p	
E94	T.Gogami	Kyoto U	New generation Λ hypernuclear spectroscopy with the (π^+ , K^+) reaction by S-2S	Stage-2 PAC expects that, at the next meeting, E94 will present further progress of the analysis for the missing mass resolution, and how the understanding of charge symmetry breaking in the p-shell Λ hypernucleus is expected to advance in a quantitative manner.	K1.8	
E95	T.Ishikawa	Osaka-RCNP	Pion-induced phi-meson production on the proton	Stage-1	high-p	
E97	M.Naruki	Kyoto U	Cascade baryon spectroscopy at J-PARC high-momentum beamline	Stage-1	high-p	
E99	H. Shimizu	Nagoya U	Study of Discrete Symmetries in Polarized Epithermal Neutron Optics	Stage-1 for Phase-I	MLF	
E100	K. Mishima	Osaka-RCNP	Neutron lifetime measurement with pulsed cold neutrons	Deferred Stage-2 Approval PAC encourages the proponents to report clearly on the status and outcomes of the analyses of the existing data, report a quantified veto efficiency, and continue efforts to understand the residual background. PAC looks forward to reviewing an updated TDR at a future PAC meeting.	MLF	
P102	H. Kohri	Osaka-RCNP	Study of the peculiar bump structure at 1680 MeV by the π -p $\rightarrow \eta n$ reaction with momenta of $p_{\pi} = 0.85-1.2$ GeV/c	Deferred.	K1.8	
E104	J.K.Ahn	Korea U	Double ϕ Production in $p\text{-bar } p$ Reactions near Threshold	Stage-2 PAC recommends to grant the requested beam time of 10+0.5+2 days.	K1.8BR	

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E107	H. Nanjo	Osaka U	Proposal of the KOTO II experiment	Stage-1 Discussions to grant Stage-2 Approval will be subject to the approval of the J-PARC Hadron Facility extension.	KL2	
P109	S.H. Kim, Y. Ichikawa	Kyungpook National U, Tohoku U	Optimization of Low Momentum K+ Beam Using a Beam Degradar	Test Experiment	K1.8BR	
P111	S.Y. Ryu	Osaka-RCNP	J/ψ Production in π-p Reaction near Threshold	Deferred PAC encourages the proponents to develop a detailed, quantitative breakdown of the background rejection for π-p→nπ+π- channel. PAC also urges the proponents to further work with theorists.	high-p	
T112	K. Shirotori	Osaka-RCNP	Proposal for the second stage of the P93 experiment (Evaluation of the properties of the secondary particles delivered at the high-momentum beam line)	Test Experiment	high-p	
T113	H. Noumi	Osaka-RCNP	Proposal for an experiment to demonstrate the radiography with a multi-GeV muon beam	Test Experiment PAC recommends granting the proponents the requested beam time of 84 hours.	high-p	
T114	M. Jakkapu	Ruder Boskovic Institute	Proposal of test experiment to measure the atmospheric and T2K beam related background at the ND280 site ground level using nuclear emulsion detector	Test Experiment	neutrino	
P115	Y. Ma	RIKEN	Investigating d-bar + ¹² C nuclear interactions at the J-PARC K1.8 beam line	Deferred. PAC encourages the proponents to further develop a strategy that prioritizes observables with significantly reduced dependence to model and short-range correlations assumptions, establishes quantitative control of high-momentum backgrounds, and defines a more clearly staged or reduced-scope approach. A revised proposal that clearly addresses these points would be welcome at a future PAC.	K1.8	

Stage1/2 granted
Approved test exp.

PAC41 discussion

PAC41 judgement

finished

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E05	T.Nagae	Kyoto U	Spectroscopic Study of Ξ -Hypernucleus, $^{12}_{\Xi}\text{Be}$, via the $^{12}\text{C}(K^-, K^+)$ Reaction	Stage 2 New experiment E70 based on the S-2S spectrometer	K1.8	Finished
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	K1.8	Finished
E13	H.Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei	Stage 2	K1.8	Finished
E15	M.Iwasaki, 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	Finished
E19	M.Naruki	KEK	High-resolution Search for Θ^+ Pentaquark in $\pi^- p \rightarrow K^+ X$ Reactions	Stage 2	K1.8	Finished
T25	S.Mihara	KEK	Extinction Measurement of J-PARC Proton Beam at K1.8BR	Test Experiment	K1.8BR	Finished
E27	T.Nagae	Kyoto U	Search for a nuclear \bar{K} bound state $\bar{K}^+ pp$ in the $d(\pi^+, K^+)$ reaction	Stage 2	K1.8	Finished
E31	H.Noumi	Osaka-RCNP	Spectroscopic study of hyperon resonances below KN threshold via the $(K^- n)$ reaction on Deuteron	Stage 2	K1.8BR	Finished
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	K1.1BR	Finished
T35	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 & Lab	Neutrino	Finished
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 Data analysis
T38	T.Nanjo	Kyoto U	Proposal for Measuring Hadron Response at K1.1BR for KOTO Experiment	Test Experiment	K1.1BR	Finished
T39	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 & Lab	Neutrino	Finished
E40	K.Miwa	Tohoku U	Measurement of the cross sections of Σp scatterings	Stage 2	K1.8	Finished
E42	J.K.Ahn	Pusan National U	Search for H-Dibaryon with a Large Acceptance Hyperon Spectrometer	Stage 2	K1.8	Finished Data analysis
T43	K.Aoki	RIKEN	Test of Hadron Blind Detector and GEM Tracker for the J-PARC E16 Experiment	Test Experiment	K1.1BR	Finished
T44	T.Koike	Tohoku U	Study of in-beam performance of Hyperbal-J Ge detector units with the current beam structures at the K1.1BR beam line	Test Experiment	K1.1BR	Finished
T47	Y.Aramaki	RIKEN	Test of Lead-glass EMC and GEM Tracker for the J-PARC E16 Experiment	Test Experiment	K1.1BR	Finished
T48	A.Toyoda	KEK	Test of Aerogel Cherenkov counter for the J-PARC E36 experiment	Test Experiment	K1.1BR	Finished
T59	A. Minamino	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
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
E62	R. Hayano, S. Okada, H. Ota	U Tokyo, RIKEN	Precision Spectroscopy of kaonic atom X-rays with TES	Stage 2	K1.8BR	Finished
T64	Y. Koshio	Okayama U	Measurement of the gamma-ray and neutron background from the T2k neutrino/anti-neutrino at J-PARC B2 Hall	Arranged by IPNS and KEK-T2K	neutrino	Finished
T66	T. Fukuda	Nagoya U	Proposal of an emulsion-based test experiment at J-PARC	Test Experiment	neutrino	Finished
T68	T. Fukuda	Nagoya U	Extension of T60/T66 Experiment: Proposal for the Run from 2017 Autumn	Test Experiment	neutrino	Finished
E73	Yue Ma	RIKEN	$^3_{\Lambda}\text{H}$ and $^4_{\Lambda}\text{H}$ mesonic weak decay lifetime measurement with $^3,4\text{He}(K^-, \pi^0)^3,4_{\Lambda}\text{H}$ reaction	Stage-2	K1.8BR	Finished Data analysis
T77	Yue Ma	RIKEN	Feasibility study for $^3_{\Lambda}\text{H}$ mesonic weak decay lifetime measurement with $^3,4\text{He}(K^-, \pi^0)^3,4_{\Lambda}\text{H}$ reaction	PAC supports the continuation of T77 by an explorative run with the ^3He target.	K1.8BR	Finished
T78	H.Nishiguchi	KEK	8GeV Operation Test and Extinction Measurement	Test Experiment	K1.8BR	Finished
T81	T.Fukuda	Nagoya U	Proposal of test experiment for technical improvements of neutrino measurements with nuclear emulsion detector	Test Experiment	neutrino	Finished

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E96	T.O.Yamamoto	JAEA	Measurement of X rays from Ξ^- C atom with an active fiber target system	Stage-2	K1.8	Finished Data analysis
T98	K.Yorita	Waseda U	Measurement of Anti-Matter Reaction in Liquid Argon Time Projection Chamber	Test Experiment	K1.8BR	Finished
T101	H. Ito	Tokyo U of Science	Measurement of neutrino-induced neutron and γ -ray background for BGO-based detectors at J-PARC	Test Experiment	neutrino	Finished
T103	K. Shirotori	Osaka-RCNP	Proposal of a test experiment to evaluate the performance of the trigger-less data-streaming type data acquisition system	Test Experiment	K1.8BR	Finished
T105	Y. Enari	KEK	Proposal of a test experiment for a test beam line at the K1.8 BR area	Test Experiment	K1.8BR	Finished
T106	K. Shirotori	Osaka-RCNP	Proposal for the first stage of the P93 experiment	Test Experiment	high-p	Finished
T108	Y. Ma, M. Ukai	RIKEN, KEK	Test Experiment to Optimize d-bar Beam Intensity at the K1.8 Beam Line of the J-PARC Hadron Experimental Facility	Test Experiment	K1.8	Finished
T110	S.H. Hayakawa	Hohoku U	Proposal for Beam Test of Improved Trigger Counter for the J-PARC E72 Experiment	Test Experiment	K1.8BR	Finished

Stage1/2 granted

Approved test exp.