

	(Co-)Spokespersons	Affiliation	Title of the experiment	Approval status (PAC recommendation)	Beamline	Status	From 2018	From 2018 July
							Leading Referees	New Leading referees
E03	K.Tanida	JAEA	Measurement of X rays from Ξ Atom	Stage 2	K1.8	In preparation	Weise, Aoi, Zajc, Kitano	Thomas, Xu, Aoi, Kitano
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}Be , via the $^{12}\text{C}(K^+, K^+)$ Reaction	Stage 2 New experiment E70 based on the S-2S spectrometer	K1.8	Finished		
E06	J.Imazato	KEK	Measurement of T-violating Transverse Muon Polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ Decays	E36 as the first step	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	K1.8	Finished Data analysis	Weise, Pochodzalla, Hanagaki	Thomas, Itow, Pochodzalla
E08	A.Krutenkova	ITEP	Pion double charge exchange on oxygen at J-PARC	Stage 1	K1.8		Weise, Aoi, 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	LI run finished, Be target run with S-2S	Weise, Tamura, Zajc	
E11	T. Nakaya, M. Wascho	KEK	Tokai-to-Kamioka (T2K) Long Baseline Neutrino Oscillation Experimental Proposal	Stage 2	neutrino	Data taking	Harris, Kettell, Yoshida, Kitano	Itow, Harris, Kettell, Kitano
E13	H.Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei	Stage 2	K1.8	Finished		
E14	T.Yamanaka	Osaka U	Proposal for $K_L \rightarrow \pi^0 \nu \bar{\nu}$ Experiment at J-PARC	Stage 2	KL	Data taking	Kuze, Kettell, Kitano, Yoshida, Hanagaki	Adachi, Blanke, Kuze, Kettell, Kitano
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	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 for Run 0	High p		Weise, Pochodzalla, Ohnishi, Eidelman	Thomas, Adachi, Pochodzalla, Ohnishi
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			
E18	H.Bhang, H.Outa, H.Park	SNU, RIKEN, KRISS	Coincidence Measurement of the Weak Decay of ^{12}C and the three-body weak interaction process	Stage 2	K1.8		Weise, Tamura, Zajc	
E19	M.Naruki	KEK	High-resolution Search for θ^+ Pentaquark in $\pi^+ p \rightarrow K^+ X$ Reactions	Stage 2	K1.8	Finished		
E21	Y.Kuno	Osaka U	An Experimental Search for $\mu - e$ Conversion at a Sensitivity of 10^{-16} with a Slow-Extracted Bunched Beam	Phase-I Stage 2 Engineering desing and operation plan to be presented.	COMET		Harris, Kitano, Browder, Yoshida, Eidelman	Adachi, Le Diberder, Harris, Kitano,
E22	S.Ajimura, A.Sakaguchi	Osaka U	Exclusive Study on the Lambda-N Weak Interaction in $A=4$ Lambda-Hypernuclei	Stage 1	K1.8		Weise, Tamura, Zajc	
T25	S.Mihara	KEK	Extinction Measurement of J-PARC Proton Beam at K1.8BR	Test Experiment (coordinated by JPNC)	K1.8BR	Finished		
E26	K.Ozawa	KEK	Search for ω -meson nuclear bound states in the $\pi^+ \rightarrow \pi^0 Z \rightarrow n^+ \pi^+ (Z-1)$ reaction, and for ω mass modification in the in-medium $\omega \rightarrow \pi^0 \gamma$ decay	Stage 1	K1.8		Tamura, Ohnishi, Eidelman	
E27	T.Nagae	Kyoto U	Search for a nuclear Kbar bound state K \bar{p} in the $d(\pi^+ K^+)$ reaction	Stage 2	K1.8	Finished	Weise, Aoi, Kuze, Ohnishi	
E29	H.Ohnishi	RIKEN	Search for ϕ -meson nuclear bound states in the $p\bar{p} + A^Z \rightarrow \phi + (A-1)(Z-1)$ reaction	Stage 1	K1.1		Tamura, Zajc, Ohnishi	
E31	H.Noumi	Osaka U	Spectroscopic study of hyperon resonances below KN threshold via the $(K^+ n)$ reaction on Deuteron	Stage 2	K1.8BR	Finished Data analysis	Weise, Tamura, Pochodzalla, Ohnishi	
T32	A.Rubbia	ETH, Zurich	Towards a Long Baseline Neutrino and Nucleon Decay Experiment with a next-generation 100 kton Liquid Argon TPC	Test Experiment	K1.1BR	Finished		
P33	H.M.Shimizu	Nagoya U	Measurement of Neutron Electric Dipole Moment	Deferred	Linac		To be discussed later	
E34	T. Mibe	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 2 PAC suggests that g-2 work with Lab management to refine the cost estimate and schedule.	MLF		Harris, Kettell, Yoshida, Hanagaki, Kitano	Itow, Blanke, Le Diberder, Harris, Kettell, 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 Data analysis	Browder, Kettell, Yoshida, Eidelman	Blanke, Le Diberder, Kettell
E40	K.Miwa	Tohoku U	Measurement of the cross sections of Σp scatterings	Stage 2	K1.8	Data taking	Kettell, Kuze, Ohnishi, Zajc	Xu, Kettell, Kuze, Ohnishi
P41	M.Aoki	Osaka U	An Experimental Search for $\mu - e$ Conversion in Nuclear Field at a Sensitivity of 10^{-16} with Pulsed Proton Beam from RCS	Deferred	MLF	Reviewed in MLF/IMSS		
E42	J.K.Ahn	Pusan National U	Search for H-Dibaryon with a Large Acceptance Hyperon Spectrometer	Stage 2 Commissioning and physics run plan to be submitted	K1.8		Kuze, Ohnishi, Hanagaki	
E45	K.H.Hicks, H.Sako	Ohio U, JAEA	3-Body Hadronic Reactions for New Aspects of Baryon Spectroscopy	Stage 2 PAC requests that the group further examine ways to reduce the total beam time requested and to find an efficient running scheme, including quick but careful beam tuning.	K1.8		Tamura, Kuze	Thomas, Xu, Tamura, Kuze
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 The FIC, IPNS, and E50 should investigate the beam-line feasibility	High p		Yoshida, Browder, Kettell, Ohnishi, Eidelman	
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 2	MLF		Kuze, Yoshida, Kettell, Eidelman, Kitano	Blanke, Le Diberder, Kuze, Kettell, 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 deuteron at J-PARC	Stage 1 Beam time for the pilot run to be allocated.	K1.8BR	in preparation	Pochodzalla, Aoi, Ohnishi, Zajc	Xu, Pochodzalla, Aoi, Ohnishi
P58	M. Yokoyama	U. Tokyo	A Long Baseline Neutrino Oscillation Experiment Using J-PARC Neutrino Beam and Hyper-Kamiokande	Deferred	neutrino		Harris, Yoshida, Hanagaki	
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		
E61	M. Wilking	Stony Brook U	NuPRISM/TITUS	Stage 1 PAC encourages E61 to continue site survey and design work.	neutrino		Harris, Kettell, Yoshida, Kitano	
E62	R. Hayano, S. Okada, H. Outa	U. Tokyo, RIKEN	Precision Spectroscopy of kaonic atom X-rays with TES	Stage 2	K1.8BR	Finished	Ohnishi, Aoi, Hanagaki, Kuze	
E63	H. Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei II	Stage 2	K1.1	BL not ready yet. Exp. in	Weise, Pochodzalla, Ohnishi, Aoi	
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		Discussion in the sub-committee	
E65	T. Nakaya	Kyoto U	Proposal for T2K Extended Run	Stage 1	neutrino		Harris, Kettell, Yoshida, Kitano	
T66	T. Fukuda	Nagoya U	Proposal of an emulsion-based test experiment at J-PARC	Test Experiment	neutrino		Discussion by directors	
P67	I. Meigo	JAEA	Measurement of displacement cross section of proton in energy region between 3 and 30 GeV for high-intensity proton accelerator facility	Carry out the experiment within the framework of facility development	MR		Discussion in progress	
T68	T. Fukuda	Nagoya U	Extension of T60/T66 Experiment: Proposal for the Run from 2017 Autumn	Test Experiment	neutrino		Discussion in the sub-committee	
E69	A. Minamino	Yokohama National U	Study of neutrino-nucleus interaction at around 1GeV using cuboid lattice neutrino detector, WAGASHI, muon range detectors and magnetized spectrometer, Baby MIND, at J-PARC neutrino monitor hall	Stage 2	neutrino		Harris, Kettell, Yoshida, Kitano	Itow, Adachi, Harris, Kettell, Kitano
E70	T. Nagae	Kyoto U	Proposal for the next E05 run with the S-2S spectrometer	Stage 1 Encourage to submit a TDR	K1.8		Weise, Tamura, Zajc	
E71	T. Fukuda	Nagoya U	Proposal for precise measurement of neutrino-p-water cross-section in NINJA physics run	Stage-2 approval if the NINJA collaboration is able to reasonably address the PAC concerns	neutrino		Harris, Kettell, Yoshida, Kitano	Itow, Harris, Kettell, Kitano
E72	K. Tanida	JAEA	Search for a Narrow Λ^* Resonance using the $p(K^-, \Lambda)\eta$ Reaction with the hypTPC Detector	Stage 1 Encourage to submit a TDR and to analyze Belle data further	K1.8BR		Yoshida, Browder, Kettell, Ohnishi, Eidelman	
P73	Yue Ma	RIKEN	^3H and ^4H mesonic weak decay lifetime measurement with $^{14}\text{He}(K^-, \pi^+)^{14}\text{H}$ reaction	Deferred PAC encourages the P73 collaboration to submit an updated proposal				Thomas, Pochodzalla, Aoi

Stage 1 / 2 granted	PAC26 presentation	PAC26 judgement
Approved test exp.	finished or not considered to be done in near future	