

	(Co-)Spokespersons	Affiliation	Title of the experiment	Approval status (PAC recommendation)	Slow line priority		Beamline	Status	from 2012	From 2014
					Day1?	Day1 Priority			Leading Referees	Leading Referees
E03	K.Tanida	SNU	Measurement of X rays from Ξ Atom	Stage 2			K1.8		Weise, Kishimoto, Nagae, Shimizu	Weise, Shimizu, 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		Nagae, Gross-Pendekamp, Imai, Dote	Imai, Dote, Zajc, Hatsuda, Hanagaki
E05	T.Nagae	Kyoto U	Spectroscopic Study of Ξ -Hypernucleus, ^{12}Be , via the $^{12}\text{C}(K^+, K^+)$ Reaction	Stage 2	Day1	1	K1.8		Weise, Shimizu, Sakurai	Weise, Shimizu, Sakurai
E06	J.Imazato	KEK	Measurement of T-violating Transverse Muon Polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ Decays	Stage 1			K1.1BR		Browder, Blucher, Kleinknecht, Isidori	
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		Weise, Shimizu, Kishimoto	Weise, Shimizu, Hanagaki
E08	A.Krutenkova	ITEP	Pion double charge exchange on oxygen at J-PARC	Stage 1			K1.8		Dote, Nagae, Imai	Dote, Imai, 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, Nagae, Kishimoto	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	Louis, Blucher, Inoue, Isidori
E13	H.Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei	Stage 2	Day1	2	K1.8		Weise, Shimizu, Kishimoto	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, Kleinknecht, Isidori	Imai, Blucher, Browder, Isidori, Hanagaki
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	Day1		K1.8BR	Data taking	Imai, Dote, Sakurai, Kishimoto	Imai, Dote, Sakurai, Zajc
E16	S.Yokkaichi	RIKEN	Electron pair spectrometer at the J-PARC 50-GeV PS to explore the chiral symmetry in QCD	Stage 1 Stage 2 deferred			High p		Weise, Nagae, Gross-Perdekamp, Shimizu	Weise, Shimizu, Hatsuda, Edelman
E17	R.Hayano, H.Outa	U Tokyo, RIKEN	Precision spectroscopy of Kaonic ^3He $3d \rightarrow 2p$ X-rays	Stage 2	Day1		K1.8BR		Imai, Dote, Sakurai, Kishimoto	Imai, Dote, Sakurai, Hanagaki
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, Kishimoto, Imai	Weise, Imai, Zajc
E19	M.Naruki	KEK	High-resolution Search for Θ^+ Pentaquark in $\pi^+ p \rightarrow K^+ X$ Reactions	Stage 2	Day1		K1.8	Data taking	Sakurai, Dote, Nagae	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			COMET		Louis, Weise, Inoue, Kleinknecht, Bowder, Isidori	Louis, Weise, Inoue, Browder, Isidori, Edelman
E22	S.Ajima, 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, Kishimoto	Weise, Imai, Zajc
T25	S.Mihara	KEK	Extinction Measurement of J-PARC Proton Beam at K1.8BR	Test Experiment (coord'ed by JPNC)			K1.8BR	Data taking	-	
E26	K.Ozawa	KEK	Search for ω -meson nuclear bound states in the $\pi^+ A_Z \rightarrow n^+ (A-1) (Z-1)$ reaction, and for ω mass modification in the in-medium $\omega \rightarrow \pi^0 \gamma$ decay	Stage 1			K1.8		Dote, Sakurai, Nagae	Dote, Sakurai, Hatsuda, Edelman
E27	T.Nagae	Kyoto U	Search for a nuclear Kbar bound state $K^+ pp$ in the $d(\pi^+, K^+)$ reaction	Stage 2			K1.8	Data taking	Weise, Shimizu, Sakurai	Weise, Shimizu, Sakurai, Hatsuda
E29	H.Ohnishi	RIKEN	Search for ϕ -meson nuclear bound states in the $pbar + ^A Z \rightarrow \phi + (A-1) (Z-1)$ reaction	Stage 1			K1.1		Dote, Shimizu, Nagae, Gross-Perdekamp	Dote, Shimizu, 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		Weise, Shimizu, Imai, Kishimoto	Weise, Shimizu, Imai, Hatsuda
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	Blucher, Inoue, Louis, Kleinknecht	
P33	H.M.Shimizu	Nagoya U	Measurement of Neutron Electric Dipole Moment	Deferred			Linac		Blucher, Louis, Gross-Perdekamp, Kleinknecht, Imai, Isidori	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			MLF		Louis, Browder, Inoue, Gross-Perdekamp, Isidori	Louis, Browder, Inoue, Isidori, Hanagaki
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		Browder, Blucher, Kleinknecht, Louis, Isidori	Browder, Blucher, Louis, Isidori, Edelman
E40	K.Miwa	Tohoku U	Measurement of the cross sections of Σp scatterings	Stage 1 Stage 2 deferred			K1.8		Gross-Perdekamp, Dote, Nagae, Imai	Dote, Shimizu, 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, Kleinknecht, Bowder, Isidori	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			K1.8		Kishimoto, Dote, Nagae, Sakurai	Dote, Sakurai, 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, Nagae	Shimizu, Dote, Hatsuda
T46	K.Ozawa	KEK	EDIT2013 beam test program	Test Experiment			K1.1BR	Abandoned	Discussion in the sub-committee	
T49	T.Maruyama	KEK	Test for 250L Liquid Argon TPC	Test Experiment			K1.1BR	Withdrawn	Discussion in the sub-committee	
E50	H.Noumi	Osaka U	Charmed Baryon Spectroscopy via the (π, D^{*-}) reaction	Stage 1 status			High p		Isidori, Browder, Shimizu	Isidori, Browder, Shimizu, Hatsuda, Edelman

T51	S.Mihara	KEK	Research Proposal for COMET(E21) Calorimeter Prototype Beam Test	Test Experiment			K1.1BR	had to be stopped	Discussion in the sub-committee	
T52	Y.Sugimoto	KEK	Test of fine pixel CCDs for ILC vertex detector	Test Experiment			K1.1BR	not performed yet	Discussion in the sub-committee	
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	Discussion in the sub-committee	
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	Discussion in the sub-committee	
T55	A.Toyoda	KEK	Second Test of Aerogel Cherenkov counter for the J-PARC E36 experiment	Test Experiment			K1.1BR	had to be stopped	Discussion in the sub-committee	
P56	T.Maruyama	KEK	A Search for Sterile Neutrino at J-PARC Materials and Life Science Experimental Facility	Deferred			MLF		Inoue, Isidori,Blucher	Inoue, Isidori, Blucher, Eidelman
P57	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	Deferred			K1.8BR			Imai, Dote, Sakurai, 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
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-TZK			neutrino monitor bld		Discussion in the sub-committee	Discussion in the sub-committee

Stage1/2 granted

PAC18 presentation

PAC18 judgement

Approved test exp.