

	(Co-)Spokespersons	Affiliation	Title of the experiment	Approval status (PAC recommendation)	Slow line priority		Beamline	from 2012
					Day1?	Day1 Priority		Leading Referees
E03	K.Tanida	SNU	Measurement of X rays from $\Xi$ Atom	Stage 2			K1.8	Weise,Kishimoto,Nagae,Shimizu
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
E05	T.Nagae	Kyoto U	Spectroscopic Study of $\Xi$ -Hypernucleus, $^{12}_\Lambda\text{Be}$ , via the $^{12}\text{C}(K^-, K^+)$ Reaction	Stage 2	Day1	1	K1.8	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
E08	A.Krutenkova	ITEP	Pion double charge exchange on oxygen at J-PARC	Stage 1			K1.8	Dote, Nagae, Imai
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	Weise, Nagae, Kishimoto
E11	T.Kobayashi	KEK	Tokai-to-Kamioka (T2K) Long Baseline Neutrino Oscillation Experimental Proposal	Stage 2			neutrino	Louis, Blucher, Inoue, Isidori
E13	H.Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei	Stage 2	Day1	2	K1.8	Weise, Shimizu, Kishimoto
E14	T.Yamanaka	Osaka U	Proposal for $K_L \rightarrow \pi^0 \nu \bar{\nu}$ Experiment at J-PARC	Stage 2			KL	Imai, Blucher, Browder, Kleinknecht, Isidori
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	Imai, Dote, Sakurai, Kishimoto
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	Weise, Nagae, Gross-Perdekamp, Shimizu
E17	R.Hayano, H.Outa	U Tokyo, RIKEN	Precision spectroscopy of Kaonic $^3\text{He}$ $3d \rightarrow 2p$ X-rays	Stage 2	Day1		K1.8BR	Imai, Dote, Sakurai, Kishimoto
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	Weise, Kishimoto, Imai
E19	M.Naruki	KEK	High-resolution Search for $\Theta^+$ Pentaquark in $\pi^+ p \rightarrow K^+ X$ Reactions	Stage 2	Day1		K1.8	Sakurai, Dote, Nagae
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	Louis, Weise, Inoue, Kleinknecht, Bowder, Isidori
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
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	KEK	Search for $\omega$ -meson nuclear bound states in the $\pi^+ + ^AZ \rightarrow n + ^{(A-1)}_\omega(Z-1)$ reaction, and for $\omega$ mass modification in the in-medium $\omega \rightarrow \pi^0 \gamma$ decay	Stage 1			K1.8	Dote, Sakurai, Nagae
E27	T.Nagae	Kyoto U	Search for a nuclear Kbar bound state $K^* \text{pp}$ in the $d(\pi^+, K^+)$ reaction	Stage 2			K1.8	Weise, Shimizu, Sakurai
E29	H.Ohnishi	RIKEN	Search for $\phi$ -meson nuclear bound states in the $p\text{bar} + ^AZ \rightarrow \phi + ^{(A-1)}_\phi(Z-1)$ reaction	Stage 1			K1.1	Dote, Shimizu, Nagae, Gross-Perdekamp
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
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	Blucher, Inoue, Louis, Kleinknecht
P33	H.M.Shimizu	Nagoya U	Measurement of Neutron Electric Dipole Moment	Deferred			Linac	Blucher, Louis, Gross-Perdeckamp, Kleinknecht, Imai, Isidori

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-Perdeckamp, Isidori
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
E40	K.Miwa	Tohoku U	Measurement of the cross sections of $\Sigma p$ scatterings	Stage 1			K1.8	Gross-Perdeckamp, Dote, Nagae, Imai
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
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
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
T46	K.Ozawa	KEK	EDIT2013 beam test program	Test Experiment			K1.1BR	Discussion in the sub-committee
T49	T.Maruyama	KEK	Test for 250L Liquid Argon TPC	Test Experiment	(not performed yet)		K1.1BR	Discussion in the sub-committee
P50	H.Noumi	Osaka U	Charmed Baryon Spectroscopy via the $(\pi, D^{*-})$ reaction	Deferred			High p	Isidori, Browder, Shimizu
T51	S.Mihara	KEK	Research Proposal for COMET(E21) Calorimeter Prototype Beam Test	Test Experiment	(had to be stopped)		K1.1BR	Discussion in the sub-committee
T52	Y.Sugimoto	KEK	Test of fine pixel CCDs for ILC vertex detector	Test Experiment	(not performed yet)		K1.1BR	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	(not performed yet)		K1.1BR	Discussion in the sub-committee
T54	K.Miwa	Tohoku U	Test experiment for a performance evaluation of a scattered proton detector system for the $\Sigma p$ scattering experiment E40	Test Experiment	(not performed yet)		K1.1BR	Discussion in the sub-committee
T55	A.Toyoda	KEK	Second Test of Aerogel Cherenkov counter for the J-PARC E36 experiment	Test Experiment	(had to be stopped)		K1.1BR	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
Report in PAC17								
Decision in PAC17								