

	(Co-)Spokespersons	Affiliation	Title of the experiment	Approval status (PAC recommendation)	Slow line priority		Beamline	Status	from 2012
					Day 1?	Day 1 Priority			
E03	K.Tanida	SNU	Measurement of X rays from Λ Atom	Stage 2 Common test of E03			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-Perdekamp, Imai, Dote
E05	T.Nagae	Kyoto U	Spectroscopic Study of Λ Hypernucleus, ^{12}Be , via the $^{12}\text{C}(K^-, K^-)$ Reaction	Stage 2 Pilot run before the SPS	Day 1	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 High priority for test run			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	Data taking	Weise, Nagae, Kishimoto
E11	T.Kobayashi	KEK	Tokai-to-Kamioka (T2K) Long Baseline Neutrino Oscillation Experimental Proposal	Stage 2			neutrino	Data taking	Louis, Blucher, Inoue, Isidori
E13	H.Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei	Stage 2	Day 1	2	K1.8	Finished	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	Data taking	Imai, Blucher, Browder, Kleinknecht, Isidori
E15	M.Wasaki, T.Nagae	RIKEN, Kyoto U	A Search for deeply-bound kaonic nuclear states by in-flight $^3\text{He}(K^-, n)$ reaction	Stage 2	Day 1		K1.8BR	Data taking	Imai, Dote, Sakurai, Kishimoto
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 1 Stage 2 deferred			High p		Weise, Nagae, Gross-Perdekamp, Shimizu
E17	R.Hayano, H.Outa	U Tokyo, RIKEN	Precision spectroscopy of Kaonic ^3He $3d \rightarrow 2p$ X-rays	Stage 1 Registered as E52 with an updated proposal	Day 1		K1.8BR		Imai, Dote, Sakurai, Kishimoto
E18	H.Bhang, H.Outa, H.Park	SNU, RIKEN, KRIS	Coincidence Measurement of the Weak Decay of ^{12}C and the three-body weak interaction process	Stage 2			K1.8		Weise, Kishimoto, Imai
E19	M.Naruki	KEK	High-resolution Search for $e^+ \text{Pentaquark}$ in $\Lambda \bar{p} \rightarrow K X$ Reactions	Stage 2	Day 1		K1.8	Finished	Sakurai, Dote, Nagae
E21	Y.Kuno	Osaka U	An Experimental Search for $\mu - e$ Conversion at a Sensitivity of 10^{-14} with a Slow-Extracted Bunched Beam	Stage 1			COMET		Louis, Weise, Inoue, Kleinknecht, Bowder, Isidori
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		Weise, Imai, Kishimoto
T25	S.Mihara	KEK	Extinction Measurement of J-PARC Proton Beam at K1.8BR	Test Experiment (coordinated by JPNC)			K1.8BR	Data taking	-
E26	K.Ozawa	KEK	Search for ω -meson nuclear bound states in the $\pi^+ d \rightarrow n \pi^+ (Z=1)$ reaction, and for ω mass modification in the in-medium $\omega \rightarrow \pi^0 \gamma$ decay	Stage 1			K1.8		Dote, Sakurai, Nagae
E27	T.Nagae	Kyoto U	Search for a nuclear Kbar bound state Kpp in the $d(\pi^+ K^-)$ reaction	Stage 2			K1.8	Data taking	Weise, Shimizu, Sakurai
E29	H.Ohnishi	RIKEN	Search for ϕ -meson nuclear bound states in the $p\bar{p} \rightarrow \phi + (A-1)(Z-1)$ 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 increase the data			K1.8BR	Data taking	Weise, Shimizu, Imai, Kishimoto
T32	A.Rubbia	ETH, Zurich	Towards a Long Baseline Neutrino and Neutron 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
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
E36	M.Kohl, S.Shimizu	Hampton U, Osaka U	Measurement of $T(K^+ \rightarrow e^+ \nu)/T(K^+ \rightarrow \mu^+ \nu)$ and Search for heavy sterile neutrinos using the TREK detector system	Stage 2			K1.1BR	Data taking	Browder, Blucher, Kleinknecht, Louis, Isidori
E40	K.Miwa	Tohoku U	Measurement of the cross sections of Zp scatterings	Stage 2			K1.8		Gross-Perdekamp, 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	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
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 Zp 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
E56	T.Maruyama	KEK	A Search for Sterile Neutrino at J-PARC Materials and Life Science Experimental Facility	Stage 1 status			MLF		Inoue, Isidori, Blucher
E57	J.Zmeskal	Stefan Meyer Institute for Subatomic Physics	Measurement of the strong interaction induced shift and width of the T_s state of kaonic deuterium at J-PARC	Stage 1 status			K1.8BR		
P58	M.Yokoyama	U. Tokyo	A Long Baseline Neutrino Oscillation Experiment Using J-PARC Neutrino Beam and Hyper-Kamiokande	Deferred			neutrino		
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	Data taking	Discussion in the sub-committee
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	Discussion in the sub-committee
P61	M.Wilking	Stony Brook U	nuPRISM	Deferred			neutrino		
E62	R.Hayano, S.Okada, H.Outa	U. Tokyo, RIKEN	Precision Spectroscopy of kaonic atom X-rays with TES	Stage 2			K1.8BR		

Stage1/2 granted PAC20 presentation PAC20 judgement

Approved test exp.