

	(Co-)Spokespersons	Affiliation	Title of the experiment	Approval status (PAC recommendation)	Slow line priority		Beamline	Leading Referees
					Day1?	Day1 Priority		
E03	K.Tanida	Kyoto U	Measurement of X rays from Ξ Atom	Stage 2			K1.8	Gal, Nakamura, Kishimoto
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	Shaevitz, Kumano, Nagae, Gross-Pendekamp
E05	T.Nagae	Kyoto U	Spectroscopic Study of Ξ -Hypernucleus, $^{12}_{\Xi}\text{Be}$, via the $^{12}\text{C}(K^+, K^+)$ Reaction	Stage 2	Day1	1	K1.8	Gal, Nakamura, Kishimoto
E06	J.Imazato	KEK	Measurement of T-violating Transverse Muon Polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ Decays	Stage 1			K1.1BR	Yamamoto, Tschirhart, Bigi, Kleinknecht
E07	K.Imai, K.Nakazawa, H.Tamura	Kyoto U, Gifu U, Tohoku U	Systematic Study of Double Strangeness System with an Emulsion-counter Hybrid Method	Stage 2			K1.8	Gal, Nakamura, Kishimoto
E08	A.Krutenkova	IITP	Pion double charge exchange on oxygen at J-PARC	Stage 1			K1.8	Nagai, Kumano
E10	A. Sakaguchi, T. Fukuda	Osaka U	Production of Neutron-Rich Lambda-Hypernuclei with the Double Charge-Exchange Reaction (Revised from Initial P10)	Stage 2			K1.8	Gal, Nakamura, Kishimoto
E11	T. Kobayashi	KEK	Tokai-to-Kamioka (T2K) Long Baseline Neutrino Oscillation Experimental Proposal	Stage 2			neutrino	Mori, Shaevitz, Bigi
E13	H.Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei	Stage 2	Day1	2	K1.8	Gal, Nakamura, Kishimoto
E14	T.Yamanaka	Osaka U	Proposal for $K_L \rightarrow \pi^0 \nu \bar{\nu}$ Experiment at J-PARC	Stage 2			KL	Yamamoto, Tschirhart, Bigi, Kleinknecht
E15	M.Iwasaki, T.Nagae	RIKEN, Kyoto	A Search for deeply-bound kaonic nuclear states by in-flight $^3\text{He}(K^-, n)$ reaction	Stage 2	Day1		K1.8BR	Nakamura, Kumano, Gal
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	Nagai, Kumano, Nagae, Gross-Perdekamp
E17	R.Hayano, H.Outa	U Tokyo, RIKEN	Precision spectroscopy of Kaonic ^3He $3d \rightarrow 2p$ X-rays	Stage 2	Day1		K1.8BR	Nagai, Shimoura, Kumano
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	Gal, Kishimoto
E19	M.Naruki	KEK	High-resolution Search for Θ^+ Pentaquark in $\pi^+ p \rightarrow K^+ X$ Reactions	Stage 2	Day1		K1.8	Shimoura, Kumano, Gal
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	Mori, Shaevitz, Tschirhart, Bigi, Kleinknecht
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	Gal, Nakamura, 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	U Tokyo	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	Nakamura Kumano, Shimoura
E27	T.Nagae	Kyoto U	Search for a nuclear Kbar bound state $K^+ pp$ in the $d(\pi^+, K^+)$ reaction	Stage 2			K1.8	Gal, Nakamura, Kishimoto

E29	H.Ohnishi	RIKEN	Search for ϕ -meson nuclear bound states in the $p\bar{p} + \pi^+ Z \rightarrow \phi + \pi^+(Z-1)$ reaction	Stage 1			K1.1	Kumano, Nagai, Nagae, Gross-Perdekamp
E31	H.Noumi	Osaka U	Spectroscopic study of hyperon resonances below KN threshold via the $(K^- n)$ reaction on Deuteron	Stage 1			K1.8BR	Gal,Nagai, Shimoura
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	Shaevitz, Yamamoto, Kleinknecht
P33	H. M. Shimizu	KEK	Measurement of Neutron Electric Dipole Moment	Deferred			Linac	Shaevtiz, Tschirhart, Bigi, Gross-Perdeckamp, Kleinknecht, Yamamoto
P34	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	Deferred			MLF	Mori, Tschirhart, Yamamoto, Bigi, Gross-Perdeckamp
P36	S.Shimizu	Osaka	Measurement of $\Gamma(K^+ \rightarrow e^+ \nu) / \Gamma(K^+ \rightarrow \mu^+ \nu)$ and Search for heavy sterile neutrinos using the TREK detector system	Stage 1 is recommended but has not been acted on yet. Discussions in Jan. 2012				Yamamoto, Tschirhart, Kleinknecht, Mori
E40	K.Miwa	Tohoku U	Measurement of the cross sections of Σp scatterings	Stage 1			K1.8	Gross-Perdekamp, Kumano, Nagae
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	Mori, Shaevitz, Tschirhart, Bigi, Kleinknecht

Report in PAC12

Decision in PAC12