

J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN63

		Date(submitted)	2016.2.8
Group	KOTO	Beam line	KL
Reporter	K. Shiomi	e-mail address shiomi@post.kek.jp	
Experimenters	Komatsubara, Lim, Nomura, Watanabe, Shiomi(KEK), Tajima(Yamagata) Sugiyama(Osaka), Nanjo, Seki, Nakagiri, Kamiji, Shinohara(Kyoto), Stephanie(Michigan), Yu-Chen, Wah(Chicago), BobH(NTU), GunHo, Kim(Chonbuk)		
Summary and Results -Study of beam profile -Beam profile was measured by a beam profile counter. -Study of accidental activities -Special data taking to evaluate accidental activities was done. -Detector calibration -Special data taking for detector calibrations were done periodically. -Study of back ground events -Special data taking to study neutron background events was done. -Trigger tuning -Further optimization for level 1 trigger were performed for more beam power. Energy thresholds of veto detectors were adjusted in L1 trigger. -Physics run -Production of physics data started from the morning of 6/6			
SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc. [Scheduled machine time] From the night of 6/6 to the morning of 6/26 Allocated total user beam time was 391h [Executed time] Study of beam profile: 5h, Study of accidental activity:5h Detector calibration:10h, Study of background events:70h Trigger tuning:10h, Physics run:220h [Down time] Beam stop due to causes of facility-side:56h DAQ stop due to troubles on our daq or detector:15h			
<u>Comments/Requests</u>			