

## J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN# 75

		Date(submitted)	2017/07/07
Group	E03	Beam line	K1.8
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<b>Summary and Results</b>  (1) <b>Beam check and (K<sup>-</sup>,K<sup>+</sup>) trigger rate study: 0.5h</b> Beam profile and reaction trigger rate were checked with E03 Iron target. This study was done with E07 KURAMA setup using common (K <sup>-</sup> ,K <sup>+</sup> ) reaction kinematics. (2) <b>Ge detector background study: 2.0h</b> We obtained first data to check background level in Ge energy spectrum with our Iron target and E07 Hyperball-X detector in which common detectors were mounted. This data will be used for E03 optimization. <b>* “Ge detector position dependence study” was skipped</b> Reason: beam time schedule change. (Need switch over time after E07 beam time as original schedule)			
<b>SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc.</b> <b>Scheduled time:</b> 4h (6/29 21:00 – 6/30 1:00) <b>Executed time:</b> 2.5h (6/29 23:30 – 6/30 2:00) <b>Down time:</b> ~15 min. <b>Beam condition:</b> ACC power: 37.5 kW Secondary beam momentum: -1.8 GeV/c Secondary beam intensity: K <sup>-</sup> =280k/spill, π=60k/spill (typical)			
<b><u>Comments/Requests</u></b>          			