

## E195 (Pμ) J. Imazato

### Precise Measurement of $\mu^+$ Longitudinal Polarization in the Decay $K^+ \rightarrow \mu^+ \nu$

Submitted	1988.6.10, extension:1989.7.7
Approved	1988.7.12, extension:1989.7.13
Beam line	$\pi\mu$
Shift requested	150+50
Shift executed	191.7
Executed cycles	88[6,7,8,9], 89[2,3,5,6,7,8]

## Papers and activities

[Legend]

- Physics papers published in refereed journal
  - Technical papers
  - ★ PhD theses
  - ◇ Conference and Symposium
  - \* Internal Report and others
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- J. Imazato et al.  
Search for Right-Handed Currents in the Decay Chain  $K^+ \rightarrow \mu^+ \nu$ ,  $\mu^+ \rightarrow e^+ \nu \bar{\nu}$   
Phys. Rev. Lett. 69 (1992) 877.
  - K. H. Tanaka et al.  
New Monochromatic Muon Beam Channel Using Two Body Decay  $K^+ \rightarrow \mu^+ \nu$  at Rest in a  
Production Target  
Nucl. Instr. Meth. in Phys. Res. A316 (1992) 134.
  - J. Imazato  
Search for Exotic Phenomena Kaon Decay-Muon Polarization in  $K_{\mu 2}$  Decay, etc.  
Perspectives of Meson Science (1992) 811.
  - M. Aoki et al.  
Search for Right-Handed Currents in the Decay Chain of  $K^+ \rightarrow \mu^+ \nu_\mu$ ,  $\mu^+ \rightarrow e^+ \nu_\mu \nu_e$   
Phys. Rev. D50 (1994) 69.
  - ★ M. Aoki  
Search for Right-Handed Currents in the Decay of  $K^+ \rightarrow \mu^+ \nu_\mu$   
Institute for Nuclear Study, University of Tokyo, 1993

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