E195 (Pµ) J. Imazato
Precise Measurement of $\mu^+$ Longitudinal Polarization in the Decay $K^+ \rightarrow \mu^+\nu$

<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>Approved</td>
<td>1988.7.12, extension:1989.7.13</td>
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<tr>
<td>Beam line</td>
<td>$\pi\mu$</td>
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<tr>
<td>Shift requested</td>
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<td>Shift executed</td>
<td>191.7</td>
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<td>Executed cycles</td>
<td>88[6,7,8,9], 89[2,3,5,6,7,8]</td>
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</tbody>
</table>

Papers and activities

[Legend]

● Physics papers published in refereed journal
○ Technical papers
★ PhD theses
◊ Conference and Symposium
* Internal Report and others

● J. Imazato et al.
Search for Right-Handed Currents in the Decay Chain $K^+ \rightarrow \mu^+\nu, \mu^+ \rightarrow e^+\nu$-bar

● K. H. Tanaka et al.
New Monochromatic Muon Beam Channel Using Two Body Decay $K^+ \rightarrow \mu^+\nu$ at Rest in a Production Target

● J. Imazato
Search for Exotic Phenomena Kaon Decay-Muon Polarization in $K_{\mu2}$ Decay, etc.

● M. Aoki et al.
Search for Right-Handed Currents in the Decay Chain of $K^+ \rightarrow \mu^+\nu, \mu^+ \rightarrow e^+\nu_e$

★ M. Aoki
Search for Right-Handed Currents in the Decay of $K^- \rightarrow \mu^-\bar{\nu}_\mu$
Institute for Nuclear Study, University of Tokyo, 1993