

UMC version 7

<http://www.phy.bnl.gov/e949/software/mc/>

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- Latest update: 2003.Jan.21 (once in a month)
- Highlights in 2002:
 - LINUX-g77 (Jingliang)
 - interface with KOFIA (Joe, Shaomin, ...)
 - Beamfile and Radial weight function for E949
 - RS scintillator thickness
 - CVS management: `/e949/ CVS/umc/`
 - RS+BVL

Things-to-do (coming soon)

- online Photon-Veto triggers: BV/BVL/HEX
by analog-sums and by meantimers
⇐ BVL studies, trigger studies, ...
- medium-rare K decay modes:
K4-body Phase Space, Matrix elements
⇐ $K^+ \rightarrow \pi^+ \gamma \gamma(1)$ analysis
- beamfiles with new-B4 hits, B4 dE/dx, ...
⇐ CEX background study, ...

UMC projects

- new subsystems (newB4, AD, Collars, MC, DPV, ...)
- CEX Ks beam file
- Target in UMC, for pnn2
- ...

* We need help by experts and coordination of efforts, according to the urgency.