

The Virginia Tech Physics Department presents the following colloquium:

Prof. Marvin Blecher (Dept. of Physics, Virginia Tech)

“The Charged Pion Decay”

Abstract:

The positive pion has been observed to decay into positive (anti) muons and neutrinos and rarely into positrons and neutrinos. The measurement of the relative rates has a history longer than 50 years. This history, that includes personalities of many important physicists of the 20th century will be reviewed and a new experiment discussed. The experiment can provide an extremely sensitive test of the Standard Model. Some of the illustrations will be scanned images of journal articles and for a good view sit closer to the screen.

Friday, Feb. 2, 2007

2:30 P.M.

210 Robeson Hall