

Service Statement of Old Dominion University for KLF experiment in Hall-D at JLab.

Faculty

Prof. M. Amarian 70% of research time

Prof. S. Kuhn 15% of research time

Prof. Ch. Hyde 15% of research time

Prof. L. Weinstein 15% of research time

PostDocs

Dr. V. Baturin 75% of research time

Graduate Students

Not yet identified

Responsibilities

Prof. M. Amarian devotes his time to the modification of the Hall D beamline including Compact Photon Source. He also will devote part of his time to expand the proposal Goal for identification of missing hyperons and strange mesons.

All members of the ODU will take necessary amount of shifts related to the KLF experiment.

The posdoc V. Baturin will work on estimation of radiation effects on the Hall D equipment in the tagger hall as well as to the Monte Carlo simulation of the hyperon formation reactions.

Physics interest of the group is on both hyperon production and strange meson production in K-pi scattering data.