

SEMINÁŘ OTF

Eli FRIEDMAN

The Hebrew University, Jerusalem

**Medium modification of hadronic
interactions from low energy experiments:
recent success and open problems**

ABSTRACT

Recent phenomenology of antiprotons, pions and K regarding the interactions in the medium compared to free space will be reviewed. Among open problems will be discussed some inconsistencies between antiprotons and pions regarding nuclear densities and the famous “deep” vs. “shallow” real potential for K , where a recent Japanese experiment supports the former but any microscopic approach favours the latter. Another recent Japanese experiment supports, for the first time, our old conclusions about the Σ^- potential.

Seminář se koná výjimečně v úterý 16. 08. 2005 v 10:00
v zasedací místnosti ÚJF Řež

J. Hošek/otf