

SEMINÁŘ OTF ÚJF, ŘEŽ

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**$\bar{K}$  (hyper)nuclei  
and kaon condensation**

**Abstrakt**

I will present the results of our relativistic mean-field calculations of self-bound strange baryonic systems containing antikaons. First, we aimed at a detailed analysis of various processes and conditions that determine the  $K^-$  decay width in the nuclear medium. Next, we studied nuclear and hypernuclear systems containing several antikaons and focused on the question whether or not kaon condensation could occur in strong interaction self-bound strange hadronic systems.

**Seminář se koná v pátek 4. 6. 2010 v 10:30 hod.  
v zasedací místnosti ÚJF Řež**

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