

6th ANKE Workshop
Strangeness Production on Nucleons and Nuclei
PNPI Gatchina, July 8/9 2004

Thursday, July 8

- 10:00 *M.Büscher/N.N.* Welcome
10:10 *H.Ströher* **Seminary talk:** Perspectives of Hadron Physics in Europe
- 11:00 *A.Dzjuba* ANKE data on the reaction $pp \rightarrow d K^+ K^0$ at $Q=110$ MeV
11:20 *V.Kleber* Acceptance corrections and kinematic fits for ANKE data
11:40 *V.Grishina* Theoretical aspects of scalar meson production in pp, pn and dd interactions
12:00 *F.P.Sassen* Analysis of the reactions $pp \rightarrow d K^+ K^0$ and $dd \rightarrow \alpha K^+ K^-$ within the Jülich model
12:20 *M.Büscher* Planned measurements of the reaction $dd \rightarrow \alpha K^+ K^- (\pi^0 \eta)$ at ANKE (WASA)

12:40 Lunch

- 14:00 *A.Kudryavtsev* Properties of Flatte distributions
14:20 *F.P.Sassen* Comparative study of the scalar states $a_0/f_0(980)$ and $D_{sJ}^{*0}(2317)$
14:40 *A.Sibirtsev* Determination of the antikaon-deuteron scattering length from ANKE data
15:00 *A.Kudryavtsev* Radiative decays of the $a_0/f_0(980)$ into vector mesons

15:20 Coffee break

- 16:00 *Y.Maeda* ϕ -meson production in pp interactions at ANKE
16:20 *I.Zychor* Heavy hyperon production at ANKE
16:40 *V.Koptev* Results of the Θ^+ studies at ANKE

Friday, July 9

- 10:00 *Yu.Valdau* K^+ meson production in proton-neutron interactions
10:20 *M.Nekipelov* K^+p and K^+d correlations from pA collisions and K^+ production mechanisms
10:40 *M.Hartmann* Plans for K^+K^- -meson production in pA interactions at ANKE
11:00 *Yu.Kiselev* Probing the antikaon potential in p+A reactions at ANKE

11:20 Coffee break

- 11:50 *M.Hartmann* Luminosity determination at ANKE
12:10 *P.Fedorets* First simulations on scalar meson detection with WASA

12:30 Lunch

- 14:00 *N.N.* Discussion about future activities, etc.

* Talk given by M.Büscher