Items for discussion

1. Introduction about transport models (Y. Leifels, E. Bratkovskaya, J. Aichelin).

2. List of reactions included in GiBUU and HSD for K^0 and Lambda production in p+p, p+n and p+Nb @ 3.5 GeV with particular emphasis on the role of the resonances in the strangeness production. In pNb we probe rather pn reactions than pp (A = 93, Z = 41, N = 52). How sure is one about production cross sections in np (and p+n)? (E. Bratkovskaya, Y. Leifels, K. Lapidus, J. Weil).

3. Can np cross sections mask the potential effects? What is the difference between 1 GeV and 3.5 GeV beam energy with respect to this issue? How reliable is FRITIOF (PYTHIA) for np? (J. Weil, E. Bratkovskaya).

4. Role of secondary reactions in pNb (pi+N, Delta+N, …). (K. Lapidus, J. Aichelin).

5. Angular distribution issue in the transport models, how are these included in transport codes (E. Bratkovskaya, J. Aichelin, C. Hartnack).

6. p+p Data from HADES: K0s: contribution of the reaction $p + p \rightarrow \Sigma^+ + K_S^0 + p$ and the reaction $p + p \rightarrow p + \Lambda + K_S^0 + \pi^+$ to the inclusive spectrum (J.-C. Berger-Chen).

7. Comparison of the K0s in p+Nb with different transport models. Clarify if out approach in interpreting the rapidity distribution and the pt distributions is a good one. (K. Lapidus).

8. List of production channels for the Lambda production in pp and p+Nb reactions GiBUU. (C.Wendisch).

9. Comparison of the Lambda from p+Nb with transport models (C. Wendisch).

10. Treatment of the K^0s and Lambda potential in GiBUU, BUU, HSD and IQMD in p+A and p+A (1.15-1.7 GeV/c) (E. Bratkovskaya, T. Gaitanos, A. Larionov, C. Hartnack).

11. List of reactions for pion+p, pion+n (pion-induced reactions), role of secondary collisions in IQMD and HSD (E. Bratkovskaya, C. Hartnack)

12. pi^-+A @ 1.7 GeV/c data taken with FOPI+GEM-TPC. Expected statistics and phase space distributions of the Kaons and Lambda (F. Böhmer, V. Zinyuk).

13. pi^-+A @ 1.7 GeV/c simulations (GiBUU) for the HADES proposal (M. Kremser).

14. Puzzle of the K0s, FOPI pion induced reactions and HADES Ar+KCl data? New HSD Calculation by HSD, new FOPI data (Y. Leifels).

15. Presentation of the eta analysis and comparison to transport (M. Gumberidze).

Preliminary program

Monday afternoon

14:15 – 15:30 Y. Leifels (Strong interaction seminar)
15:30 – 16:00 Coffee Break
16:00 – 16:30 J.-C. Berger-Chen pp K0s
16:45 – 17:15 E. Bratkovskaya
17:30 – 18:00 K. Lapidus pNb K0s

Tuesday Morning

9:00 – 9:30 J. Aichelin Intro Transport (complementary to Yvonne's and Elena's talks)
9:45 – 10:15 C. Wendisch pNb Lambda
10:30 – 11:00 Coffee Break
11:00 – 11:30 T. Gaitanos: potential for K and Lambda in GIBUU
11:45 – 12:15 A. Larionov: potential for K and Lambda in BUU
12:30 – 14:00 lunch break

Tuesday Afternoon

14:00 –14:30 C. Hartnack: IQMD calculations for pion-induced reactions
14:45 – 15:15 V. Zinyuk: First results of the pion-induced exp 2011, fopi+gem-tpc
15:30 – 16.00 F. Böhmer: More about fopi+gem-tpc pion-induced data
16:15 – 16.45 M. Kremser: GiBUU simulations for pion-induced measurements with HADES.
17:00 – 17:30 M. Sudol: eta-meson reconstruction in p+Nb data.
17:45 – 18:30 L. Fabbietti. Summary and to-do list.