Programme of HBT'96

Particle Interferometry in High Energy Heavy Ion Collisions

Trento, Italy, September 16 - 27, 1996

Last updated on September 13, 1996

1st WEEK:
Monday, 16 Sept 1996:

9:00 - 9:15 Mottelson, Leonardi, Heinz:
Opening of HBT'96
9:15 - 10:15 Heinz:
How to extract physics from 2-particle correlation data?
10:30 - 11:00 Coffee, discussion
11:00 - 12:00 Csörgö:
Recent results on correlations from Budapest
12:00 - 12:30 discussion
12:30 - 14:00 Lunch
14:00 - 15:00 Schlei:
Bose-Einstein correlations and the evolution of fireballs in relativistic heavy-ion collisions
15:00 - 15:45 Coffee, discussion
15:45 - 16:45 Wiedemann:
Effects of resonance decays on HBT correlations
16:45 - 17:30 discussions
18:30 Reception/Dinner

Tuesday, 17 Sept 1996:

9:00 - 10:00 Soltz:
Two-particle correlations from E859/866
10:00 - 10:45 Coffee, discussion
10:45 - 11:45 Miskowiec:
Pion-pion correlations in Au+Au collisions from E877 at AGS
11:45 - 12:30 discussion
12:30 - 14:00 Lunch
14:00 - 14:45 Panitkin:
Two-proton and proton-deuteron correlations at the AGS
14:45 - 15:15 Jancsó

Effects of rho resonances on the HBT correlation function and some properties of Qinv parameterization

15:15 - 18:15 free discussion of data, demonstration of analysis methods, tricks, techniques (incl. coffee break)
18:30 Dinner

Wednesday, 18 Sept 1996:

9:00 - 10:00 Schönfelder:
Two-particle Bose-Einstein correlations in S+A and Pb+Pb reactions at SPS energies
10:00 - 10:45 Coffee, discussion
10:45 - 11:45 Sullivan:
Interpretations of two-particle correlation data from NA44
11:45 - 12:30 discussion
12:30 - 14:00 Lunch
14:00 - 15:00 Schmidt-Sorensen:
Three-particle interferometry in NA44 & Presentation of an HBT data base
15:00 - 15:30 Foka:
Bose-Einstein correlations from WA98
15:30 - 18:00 free discussion of data, demonstration of analysis methods, tricks, techniques (incl. coffee break)
18:30 Dinner

Thursday, 19 Sept 1996:

9:00 - 10:00 Sinyukov:
Spectra and BE correlations for 3D-expanding hadron resonance gas
10:00 - 10:45 Coffee, discussion
10:45 - 11:45 Zimányi:
Bose-Einstein correlations with wave packets
11:45 - 12:30 discussion
12:30 - 14:00 Lunch
14:00 - 15:00 Xu:
Equilibration in heavy-ion collisions - from microscopic to macroscopic
15:15 - 16:15 Braun-Munzinger:
Size information from like and unlike particle correlations
16:15 - 16:45 Coffee, discussions
16:45 - 17:45 Stachel:
Remarks about correlations and freeze-out
18:30 Banquet

Friday, 20 Sept 1996:

9:00 - 10:00 Ardouin:
Particle correlations from heavy ion collisions at low and intermediate energhies

10:00 - 10:45 Coffee, discussion
10:45 - 11:45 Voloshin:
On anisotropic transversal flows and HBT
11:45 - 12:30 discussion
12:30 - 14:00 Lunch
14:00 - 15:00 Padula:
Resolution of two-dimensional interferometry
15:15 - 16:15 Humanic:
Comparisons between rescattering calculations and boson interferometry experiments
16:15 - 18:15 free discussion of data analysis methods (incl. coffee break)
18:30 Dinner

Saturday, September 21 and
Sunday, September 22, 1996:
Free discussion in the Brenta, at Lago di Garda, in the dolomites, in Venice, ...

2nd WEEK:
Monday, 23 Sept 1996:

9:00 - 9:05 Welcome to 2nd week arrivals
9:05 - 10:05 Glauber:
Intensity interferometry and quantum optics
10:05 - 10:45 Coffee, discussion
10:45 - 11:15 Csörgö:
Novel quantum medium effect on kaon correlations
11:15 - 11:35 discussion
11:35 - 12:05 Kämpfer:
Photon and IMF correlations in heavy-ion collisions
12:05 - 12:30 discussion
12:30 - 14:00 Lunch
14:00 - 14:45 Zhang:
Multi-pion correlations in high energy heavy-ion collisions
15:00 - 15:30 Vischer:
Multi-particle correlations in relativistic nuclear collisions
15:30 - 16:00 Coffee
16:00 - 16:30 Ziaja:
Multiparton density matrix from a gluon cascade
16:45 - 17:15 Vischer:
HBT from opaque sources
17:15 - 18:00 discussions
18:30 Reception/Dinner

Tuesday, 24 Sept 1996:

9:00 - 10:00 Pratt:

Reconstructing the final state of H.I. collisions at CERN

10:00 - 10:45 Coffee, discussion

10:45 - 11:45

11:45 - 12:30 Foka and Kalechofsky and Wiedemann:

HBT Correlations from Monte-Carlo simulations

12:30 - 14:00 Lunch

14:00 - 15:00 Kalechofsky:

An experimental analysis of Bose-Einstein simulations

15:00 - 15:15 discussion

15:15 - 15:45 S. Soff:

HBT simulations from URQMD

15:45 - 16:00 Coffee

16:00 - 18:00 free discussion of data and new results

18:30 Dinner

Wednesday, 25 Sept 1996:

9:00 - 10:00 Eggers:

Particle interferometry in high energy hadronic reactions

10:00 - 10:45 Coffee, discussion

10:45 - 11:45 Lörstad:

Interferometry studies in heavy-ion reactions and Z° hadronic decays

11:45 - 12:30 discussion

12:30 - 14:00 Lunch

14:00 - 15:00 Baym:

Physics of Coulomb corrections and other topics in HBT interferometry

15:00 - 15:30 Coffee, discussion

15:30 - 16:30 Zajc:

Coulomb effects in precision HBT measurements

16:30 - 17:00 break

17:00 - 17:30 Anchishkin:

Coulomb final state interactions in kaon interferometry for high multiplicity processes

17:30 - 18:00 discussion

18:30 Dinner

Thursday, 26 Sept 1996:

9:00 - 10:00 Lednicky:

''Interferometry'' with non-identical particles

10:00 - 10:45 Coffee, discussion

10:45 - 11:45 Mrowczynski:

Deuteron production and pion-correlations -- two sides of the same medal

11:45 - 12:30 discussion

12:30 - 14:00 Lunch

14:00 - 15:00 Shuryak:

Various hydro expansions and interferometry
15:00 - 15:30 discussion
15:30 - 18:00 free discussion of data, new results, incl. coffee break
18:30 Banquet

Friday, 27 Sept 1996:

9:00 - 10:00 Soltz/Foka:
Summary of data-analysis sessions
10:00 - 10:45 Coffee, discussion
10:45 - 11:45 Weiner:
Bose-Einstein correlations -- where do we stand, where should we go ?
11:45 - 12:30 discussion
12:30 - 14:00 Lunch