Particle Correlations – especially those at close relative momenta, frequently called HBT, play an essential role in the studies of heavy ion collisions, both in theory and experiment. During the first Warsaw meeting on particle correlations in May 2002 many questions have been addressed and new results have been presented, but many problems remain still the subject of intensive works.

The second Warsaw meeting was considered as a continuation of the first one. The aim was to consider simultaneously the dynamics of the collision, the physics effects of small relative momenta, the particle correlations in connection with dynamical models, the role of particularly interesting factors like: resonances, flow, jets etc. in the studies of particle correlations, and many other related topics. The resonances are especially important as affecting the space-time parameters of particle emission and as a sensitive probe to study the dynamical properties of hot and expanding systems. The topics discussed play an important role in searching for QGP (Quark-Gluon Plasma) which is nowadays one of the main questions in particle physics. The possibilities of currently performed (RHIC) and future (LHC-ALICE) experiments in the analysis of particle correlations were also discussed in order to remain realistic in our experimental expectations and projects.

The organisation of this meeting was similar to that of the first one. Three days of intensive discussions, stimulated by the topical contributions, and completely informal exchange of opinions combined with some social events. The main goal and role of organisers was to stimulate the exchange of ideas and experiences related to the past (SPS and others), present (RHIC), and future (LHC) experiments, as well as between the experiment and theory.

The detailes of the meeting can be found at:
http://hirg.if.pw.edu.pl/meeting/oct2003.

The organisers are grateful to all participants for their interesting talks and discussions. We hope to meet again in Warsaw soon.

Jan Pluta
on behalf of the organisers