

# WPCF 2005 PROGRAM

(updated August 14, 2005)

## Monday, August 15

### *Femtoscopia in heavy ion collisions (John Cramer)*

13:30-14:00	R. Lednický	Theory
14:00-14:30	M. Lisa	Experiment
14:30-15:00	S. Pratt	Is HBT really puzzling?
15:00-15:30	T. Csörgő	Review of correlations in high energy heavy ion collisions

15:30-16:00 *Coffee break*

### *How correlations reflect dynamics (Yogiro Hama)*

16:00-16:30	C-M. Ko	Transport model study of HBT at RHIC
16:30-17:00	Yu. Sinyukov	Evolution of spectra and B-E correlations in hydro and transport models
17:00-17:30	K. Zalewski	B-E correlations: a study of an invariance group
17:30-18:00	H. Gos	The particle interferometry method as a tool reflecting the evolution of hadron source
18:00-18:20	B. Tomášik	Azimuthally sensitive femtoscopy and $v_2$

18:30 *Dinner*

20:00 *Informal evening discussion session (Michael Lisa)*

## Tuesday, August 16

### *Rapidity dependence, constraints from flow, $v_2$ ... (Steven Manly)*

09:00-09:30	S. Kniege	Rapidity dependence of B-E correlations in central Pb-Pb collisions at SPS energies
09:30-10:00	M. Csanád	Understanding the rapidity dependence of the elliptic flow and the Bose-Einstein correlations at RHIC
10:00-10:20	Y. Hama	Effects of Latt'QCD EoS and the Continuous Emission on $v_2$ and Some Other Observables
10:20-10:40	T. Renk	HBT in non-boost-invariant evolution models

10:40-11:00 *Coffee break*

### *Source imaging (Roy Lacey)*

11:00-11:40	P. Danielewicz	Overview of source imaging
11:40-12:05	P. Chung	Femtoscopia with PHENIX
12:05-12:30	D. Brown	Understanding the emission duration through femtoscopy and imaging

12:30-14:00      *Lunch break*

***Beyond Gaussian approximation (Hans Eggers)***

14:00-14:30	A. Białas	Theory - fractal sources, intermittency, Levy
14:30-15:00	W. Kittel	Review of experimental results
15:00-15:20	T. Csörgő	Bose-Einstein correlations for Levy stable source distributions and the anomalous dimension of QCD
15:20-15:40	M. Bysterský	Non-Gaussian effects in identical pion correlation function at STAR
15:40-16:00	T. Novák	Results on Levy stable parametrisations of Bose-Einstein correlations using L3 at LEP

16:00-16:30      *Coffee break*

***Comparisons of different colliding systems including collisions of elementary particles (Šárka Todorova)***

16:30-17:00	W. Metzger	Overview e+e-
17:00-17:20	Q. Wang	Inter-string Bose-Einstein correlations in hadronic Z events using the L3 detector at LEP
17:20-17:45	H. Eggers	HBT results from UA1
17:45-18:05	Z. Chajęcki	STAR results on pp vs heavy ions
18:05-18:30	A. Ster	Comparison of emission functions in h+p, p+p, d+A and A+B reactions

18:30              *Dinner*

20:00              ***Informal evening discussion session (Andrzej Białas)***

**Wednesday, August 17**

***Femtoscopia with penetrating probes (Tamás Csörgő)***

09:00-09:40	D. Peressounko	Femtoscopia of electromagnetic probes: overview
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***Multiple FSI correlations (Tamás Csörgő)***

09:40-10:05	N. Suzuki	Description of pi+(2pi-) and pi-(2pi+) channels in B-E correlation by Coulomb wave function
10:05-10:30	O. Utyuzh	Coulomb final state interactions and modelling B-E correlations

10:30-11:00      *Coffee break*

***Non-identical particle correlations (Richard Lednický)***

11:00-11:30	A. Kisiel	Non-identical particle femtoscopy in heavy ion collisions
11:30-11:50	P. Chaloupka	pi-Xi correlations at RHIC
11:50-12:10	A. Stavinsky	Study of femtoscopy correlations at CLAS
12:10-12:30	F. Retière	Measuring scattering length at STAR

12:30-14:00	<i>Lunch break</i>	
<b>Other new results (Scott Pratt)</b>		
14:00-14:30	J. Cramer	Chiral symmetry, opacity and the RHIC HBT puzzle
14:30-15:00	C-Y. Wong	Quantum treatment of multiple scattering and collective flow in HBT
15:00-15:30	S. Panitkin	Latest femtosopic results from Cu+Cu collisions at RHIC
<b>Correlations from event generators (Jan Pluta)</b>		
15:30-16:00	T. Humanic	HBT results from a rescattering model
16:00-16:30	<i>Coffee break</i>	
<b>Condensation and squeezed states (Roy Glauber)</b>		
16:30-17:00	Y. Tsue	Variational approach in quantum field theories: to dynamical chiral phase transition
17:00-17:20	N. Ikezi	Nonequilibrium chiral dynamics and two-particle correlations in the time-dependent variational approach with squeezed states
17:20-17:40	S. Padula	Phi-phi back-to-back correlations in finite expanding systems
17:40	<i>End of the workshop</i>	
18:30	<i>Dinner</i>	

## CONVENERS

<i>Femtoscopy in heavy ion collisions</i>	Scott Pratt and John Cramer
<i>Comparisons of different colliding systems including collisions of elementary particles</i>	Wolfram Kittel and Šárka Todorova
<i>Femtoscopy with penetrating probes</i>	Jan-e Alam and Dmitri Peressounko
<i>How correlations reflect dynamics</i>	Yuri Sinyukov and Yojiro Hama
<i>Azimuthally sensitive B-E correlations</i>	Michael Lisa and Urs Wiedemann
<i>Non-identical particle correlations</i>	Richard Lednický and Jan Pluta
<i>Condensation and squeezed states</i>	Sandra Padula and Masayuki Asakawa
<i>Beyond Gaussian approximation</i>	Hans Eggers, Brigitte Buschbeck and Sándor Hegyi
<i>Source imaging</i>	Roy Lacey and David Brown
<i>Rapidity dependence, constraints from flow, v<sub>2</sub> ...</i>	Steven Manly and Harry Appelshäuser
<i>Correlations from event generators</i>	Tom Humanic
<i>Multiple FSI correlations (Coulomb, optical potential, ...)</i>	Tamás Csörgő
<i>Other new results</i>	Cheuk-Yin Wong and Sergey Panitkin