

Program of the conference ISMD 2005

(updated August 12, 2005)

August 9, Tuesday

16:00- Arrival and registration

21:00

19:30- *Dinner*

20:30

August 10, Wednesday

7:30- Breakfast and registration

8:30

8:45 Opening session

Morning session: Soft interactions

Organizers: I.Dremin and N.Xu

Chairman: V.Šimák

9:00 Strangeness and Charm Probes of QCD Matter

Huan Huang (UCLA, USA)

9:25 Multiplicities and Multiplicity Correlations from PHOBOS

Gunther Roland (MIT, USA)

9:45 Latest results from RHIC on Multiparticle Production from Au+Au, Cu+Cu, d+Au and pp Collisions

Rachid Nouicer (BNL, USA)

10:05 Elliptic and radial flow in high energetic nuclear collisions

Marcus Bleicher (Frankfurt, Germany)

10:25 Charm Production at RHIC

Xin Dong (USTC, China)

10:45 *Coffee break*

Chairman: R.Peschanski

11:05 QCD coherence and particle correlations in Z0 hadronic decays

Eddi de Wolf (Antwerpen, Belgium)

11:25 Soft and Hard Jets

Igor Dremin (LPI, Moscow, Russia)

11:45 On similarities in Multiparticle Production in Nuclear and Particle Collisions

Edward K.G.Sarkisyan (OPAL, CERN)

12:05 Multiplicity difference between Heavy and Light Quark Jets Revisited

Fabrizio Fabbri (INFN, Italy)

12:30 *Lunch*

Afternoon session: Soft physics (cont.)

Chairman: L.Šándor

14:00 Cronin effect at RHIC

Ming Shao (USTC, China)

14:20 Spin Physics at RHIC

Bernd Surrow (MIT, USA)

14:40 Statistical Hadronization

Giorgio Torrieri (McGill, Canada)

15:00	Strange particle production Physics at HERA (ZEUS,H1)	Leszek Zawiejski (DESY, Germany)
15:20	<i>Coffee break</i>	
	Chairman: K.Fialkowski	
15:40	Charm Collectivity and parton Thermalization in High Energy Nuclear Collisions	Kai Schweda (Heidelberg, Germany)
16:00	BEC from "inside"	Oleg Utyuzh (Warsaw, Poland)
16:20	Gluon dominance model	Elena Kokoulina (JINR, Dubna)
16:40	Pt correlations in pi+p and K+p Collisions at sqrt(s)=22 GeV	Yanping Huang(China)
18:30-	Welcome reception in Květná zahrada	
21:00		

August 11, Thursday

Morning session: Fluctuations and Correlations

Organizers: E.de Wolf and R.Lednický

Chairman: E.de Wolf

9:00	Study of order parameters through fluctuation measurements by the PHENIX detector at RHIC	Kensuke Homma (PHENIX)
9:20	Latest Cu+Cu results and comparison to "regular" Au+Au data at RHIC	Sergey Y.Panitkin (BNL, USA)
9:40	Chiral symmetry restoration, opacity and the RHIC HBT Puzzle	John G.Cramer (Washington, USA)
10:00	Energy and rapidity dependence of electric charge correlations at 20-158 GeV beam energies at the CERN SPS (NA49)	Panos Christakoglou (UOA-CERN)
10:20	Boost-invariance and multiplicity dependence of charge balance function in pi+p and K+p collisions at sqrt(s)=22 GeV	Na Li (NA22, CERN)
10:40	<i>Coffee break</i>	
	Chairman: G.Gustafson	
11:00	Phase-space density, coincidence probabilities and Renyi entropies in multiparticle production	A. Bialas (Krakow, Poland)
11:20	Entropy analysis in pi+p and K+p collisions at sqrt(s)=22 GeV	Zhiming Li (NA22,CERN)
11:40	On the Measure of Dynamical Event Mean Transverse Momentum Fluctuations	Jinghua Fu (Beijing, China)
12:00	Multiplicities in DIS and DDIS (H1+ZEUS)	Benoit Delcourt (H1, Saclay)
12:20	On the high order multiplicity moments	K.Fialkowski (Krakow, Poland)
12:40	<i>Lunch</i>	

Afternoon session: Jet physics

Organizers: J.Chýla and Ch.Royon

Chairman: W.Kittel

14:00	Top Physics	Jochen Cammin (FNAL, USA)
14:30	Particle production and saturation	Cyrille Marquet (Saclay, France)
14:55	Jet Physics at Tevatron	Rick Field (CDF, USA)
15:25	<i>Coffee break</i>	

Chairman: L.S.Liu

15:40	Totem physics scenarios at the LHC	Risto Orava (CERN)
16:10	Review on α_S	Markus Wobisch (Fermilab, USA)
16:40	Forward Jets at HERA	Leif Joensson (Lund, Sweden)
17:30	Excursion to the castle and Gallery	
19:30	Visit of the wine cellar of Archbishop of Olomouc	

August 12, Friday

Morning session: Jet physics (cont.)

Chairman: J.G.Cramer

9:00	Jet Physics at HERA	Mark Sutton (London, GB)
9:30	Energy Flow and Jet Shape	Wenbiao Yan (DESY, Germany)
9:55	Jets in photoproduction at HERA	Kamil Sedláč (Prague, CR)
10:20	CGC phenomenology and RHIC physics	Larry McLerran (BNL, USA)
10:50	<i>Coffee break</i>	

Chairman: Y.Wu

11:10	Experimental results at RHIC	Timothy Hallman (BNL, USA)
11:40	Verification of z-scaling in pp collisions at RHIC	Mikhail Tokarev (JINR, Russia)

12:30 *Lunch*

Afternoon session: Particle Propagation in Dense Matter

Organizers: C.Gagliardi and J.Rak

Chairman: T.Csörgő

14:00	Surface Emissions from the RHIC Fireball: Quark Coalescence and Emissivities	Scott Pratt (Michigan State University, USA)
14:30	What do we learn from Flow Measurements at RHIC	Roy Lacey (SUNY Stony Brook, USA)
15:00	Study of Back-to-back Jets in Au/Au and Cu/Cu Collisions in PHENIX	Jiangyong Jia (Columbia, USA)
15:30	HBt Story at RHIC	Mike Lisa (Ohio State University, USA)

16:00 *Coffee break*

Chairman: M.Šumbera

16:30	Low Q^2 partons in pp and AuAu Collisions	T.Trainor (Washington, USA)
17:00	Jets Topologies from two and three particle correlations	N.N.Ajitanand (SUNY Stony Brook, USA)

17:30	What do we learn from strangeness production study in Pb-Pb at SPS	Ladislav Šándor (Košice, Slovakia)
18:00	Relativistic diffusion model and analysis of large transverse momentum distributions	Naomichi Suzuki (Matsumoto, Japan)
18:30	<i>Dinner</i>	

August 13, Saturday

Morning Session: Astroparticle Physics

Organizer: J.Pinfold

Chairman: B.Shepard

9:00	First results from the Auger Experiment	Simon Robbins (University of Wuppertal, Germany)
9:35	PICASSO Direct Dark Matter Search Experiment	Claude Leroy (University of Montreal, Canada)
10:10	Educational Cosmic Ray Air Shower Arrays around the World	Richard Soluk (University of Alberta)
10:40	<i>Coffee break</i>	
	Chairman: G.Kozlov	
11:00	Astrocollider Physics - Astroparticles and the LHC	James Pinfold (University of Alberta)

Morning Session: Heavy Flavors and Identified Particles

Organizers: J.Rafelski and K.Šafařík

11:30	Production of Heavy Flavor States at CDF	Mario Campanelli (Univ.of Geneva,Switzerland)
11:55	Heavy flavor production results from D0 Run II	I.Ripp Baudot (D0)
12:25	<i>Lunch</i>	
13:30	Excursion to Olomouc	
20:00	<i>Dinner</i>	

August 14, Sunday

Morning Session: Heavy Flavors and Identified Particles

Organizers: J.Rafelski and K.Šafařík

Chairman: Ch.Royon

9:00	Heavy flavors in high energy ep interactions	Meng Wang (DESY)
9:25	In-Medium formation of J/Psi as a probe of charm quark thermalization	R.L.Thews (University of Arizona,USA)
9:45	Charm and J/Psi production in NA60	Hiroaki Onishi (CERN)
10:05	Phi production in NA60	Michele Floris (INFN, Cagliari, Italy)

10:25 *Coffee break*

Chairman: W.Metzger

10:45	Measurement of heavy flavor and Identified particle production at RHIC	An Tai (UCLA, Los Angeles, USA)
11:05	NA49 results on hadron production: indication of the onset of deconfinement?	B.Lungwitz (Frankfurt, Germany)
11:25	Stopping and the K/pi horn	B.Tomášik (Niels Bohr I., Denmark)
11:45	Results from NA57	Roman Lietava (Birmingham, GB)
12:05	Lepton flavor violation and new physics scale	G.Kozlov (JINR, Dubna, Russia)

12:20 *Lunch*

Afternoon session: Small x-Physics and Diffraction

Organizers: H.Jung and V.Khoze

Chairman: A.Valkárová

Experimental observations

13:30	Factorization/factorization breaking in inclusive scattering at HERA	B.Straub (ZEUS)
13:55	Factorization/factorization breaking in diffraction at HERA	Sergey Levonian (H1)
14:20	Factorization/factorization breaking in diffraction at Tevatron	K.Peters (D0)
14:45	High Pt Suppression at Forward Rapidities	C.Ristea (BRAHMS)

Theory (factorization)

15:10	Factorization in ep (DIS & gamma-p) and pp scattering	A.Bialas (Krakow, Poland)
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15:30 *Coffee break*

Chairman: N.Schmitz

15:50	Possible saturation effects in k_t factorization at HERA and LHC	N.Zotov (MSU, Moscow)
16:10	k_t factorization and quark production from the Color Glass Condensate	Hiro Fujii (Japan)
16:30	Rescattering effects and Calculation of the survival effect in pp scattering processes	Alexander Kupčo (Prague)
16:50	Non-linear kt factorization: new paradigm for hard scattering in nuclear environment	N.N.Nikolaev (Julich, Germany)

Multiple scatterings and modeling of gap suppression

17:10	Multiple scatterings in ep/pp and AGK rules	J.Bartels (DESY, Germany)
17:30	Multiple scatterings and gap suppression	G.Gustafson (Lund, Sweden)
17:55	Nonlinear aspects of QCD dynamics at high energy	Robi Peschanski (Saclay, France)

19:00 *Conference dinner*

August 15, Monday

Morning session: Small x physics and diffraction (cont.)

Chairman: Y.Hama

Future

9:00	Pentaquarks	Michal Praszalowicz (Krakow, Poland)
9:30	DPE Higgs production at the LHC	Marek Taševský (CMS, Prague)
10:00	<i>Coffee break</i>	
	Special session	
10:20	Diffraction Theory, Quantum Optics and Heavy Ions	Roy J.Glauber (Harvard, USA)
11:00	Close out	
12:00	<i>Lunch</i>	
13:00	Departure of the bus to Prague	