Electromagnetic Probes of Hot and Dense Matter

Program

Friday, June 03: Vector Mesons in Nuclear Matter

Time	Speaker	Title
8:45 - 9:15	Registration	
9:15 - 9:30	director/organizers	Opening Remarks
9:30 - 10:30	V. Metag (Gießen)	Vector Meson Production off Nuclei
10:30 - 11:00	Coffee Break	
11:00 - 12:00	U. Mosel (Gießen)	Medium Effects in Elementary Collisions
12:00 - 12:45	P. Salabura (Cracow)	Dileptons in Proton- and Pion-Induced Reactions
	Lunch Break	
14:30 - 15:30	J. Stroth (Frankfurt)	Dileptons from HADES
15:30 - 16:00	Coffee Break	
16:00 - 17:00	C. Fuchs (Tübingen)	Vector Mesons and Transport Models at 1-2AGeV
17:00 - 17:45	M. Zetenyi (KFKI Budapest)	Dilepton Production at HADES (Theory)
17:45 - 18:30	moderator: Ulrich Mosel	Discussion on dileptons at 1-2 AGeV

Saturday, June 04: Vector Mesons and Chiral Symmetry

Time	Speaker	Title
8:30 - 9:30	R. Rapp (Texas A&M University)	Introduction to Dileptons and in-Medium Vector Mesons (Lecture I)
9:30 - 10:20	G. Chanfray (Lyon)	Scalar Susceptibilities and Partial Chiral Symmetry Restoration in Nuclear Matter
10:20 - 10:50	Coffee Break	
11:00 - 11:50	M. Harada (Nagoya)	Vector Manifestation of Chiral Symmetry
11:50 - 12:40	S. Leupold (Gießen)	Generalized Weinberg Sum Rules and the Factorization Issue of in-Medium 4-Quark Condensates
	Lunch Break	
14:30 - 15:15	F. Riek (GSI Darmstadt)	Selfconsistent ρ and ω in Hot+Dense Matter
15:15 - 16:00	D. Cabrera (Valencia)	Vector Mesons in Nuclear Matter
16:00 - 16:30	Coffee Break	
16:30 - 17:15	D. Davesne (Lyon)	Effect of chiral symmetry breaking and dissipation on hydrodynamics
17:15 - 18:00	moderator: Guy Chanfray	Discussion on in-medium axial-/vector mesons

Monday, June 06: Low-Mass Dileptons

Time	Speaker	Title
8:30 - 9:30	R. Rapp (Texas A&M University)	Introduction to Dileptons and in-Medium Vector Mesons (Lecture II)
9:30 - 10:30	J. Stachel (Heidelberg)	Dileptons in CERES
10:30 - 11:00	Coffee Break	
11:00 - 11:50	T. Renk (Duke Univ.)	Dileptons from Fireball and in-Medium Vector Mesons
11:50 - 12:40	S. Damjanovic (Heidelberg)	Low-Mass Dimuons in NA60
	Lunch Break	
14:30 - 15:15	H.J. Specht (Heidelberg)	Low-Mass Dileptons - A More General View
15:15 - 16:00	K. Haglin (St. Cloud State)	The ϕ Puzzle
16:00 - 16:30	Coffee Break	
16:30 - 17:30	E.V. Shuryak (Stony Brook)	E.M. Emission from sQGP

Tuesday, June 07: Photons

Time	Speaker	Title
8:30 - 9:30	C. Gale (McGill Univ., Montreal)	Introduction to Photons (Lecture III)
9:30 - 10:30	T. Peitzmann (Utrecht)	Photons at SPS from WA98
10:30 - 11:00	Coffee Break	
11:00 - 12:00	S. Turbide (McGill Univ.)	Low- and High-pt Photons at SPS and RHIC
12:00 - 12:45	S. Mioduszewski (Brookhaven Lab.)	Direct Photons at RHIC
	Lunch Break	
14:30 - 15:30	S. Räsänen (Jyväskylä)	Photons from Hydrodynamics from SPS to LHC
15:30 - 16:00	Coffee Break	
16:00 - 16:45	P. Lichard (Silesian Univ.)	Multi-pion Initial States in Dilepton and Photon Production from Hadron Gas
16:45 - 17:30	moderator Johann Peter Wurm	Discussion on low-mass dileptons and photons at ultrarelativistic energies

Wednesday, June 08: Charm and Electrons

Time	Speaker	Title
9:30 - 10:20	A. David (Lisbon)	Charm and Intermediate-Mass Dileptons in Indium-Indium Collisions at SPS
10:20 - 10:50	Coffee Break	
10:50 - 11:40	Y. Akiba (RIKEN)	Single- and Dileptons from Open Charm at RHIC
11:40 - 12:30	T. Ullrich (Brookhaven Lab.)	Charm and Leptons in STAR
	Lunch Break	
14:30 - 15:30	B. Kämpfer (FZ Rossendorf)	Open Charm and (Di-) Leptons at RHIC+LHC
15:30 - 16:00	Coffee Break	
16:00 - 17:00	W. Cassing (Gießen)	Dileptons at SPS and RHIC
17:00 - 17:45	moderator Carlos Lourenco	Discussion on charm and (di-) leptons

Thursday, June 09: QGP Emission and Off-Equilibrium

Time	Speaker	Title
9:30 - 10:30	F. Karsch (Brookhaven Lab.)	Hadron Correlators, Spectral Functions and Dilepton Rates from Lattice QCD
10:30 - 11:00	Coffee Break	
11:00 - 11:45	G.E. Brown (Stony Brook)	Vector Mesons and Couplings around T_c
11:45 - 12:30	V. Koch (Berkeley Lab)	Correlations, Fluctuations and Bound States in the QGP
	Lunch Break	
14:30 - 15:30	A. Drees (Stony Brook)	E.M. Probes in PHENIX
15:30 - 16:00	Coffee Break	
16:00 - 16:45	K. Redlich (Warsaw)	Dileptons from Chemical Off-Equilibrium
16:45 - 17:30	B. Schenke (Frankfurt)	Dilepton Production from Non-Equilibrium Hot Hadronic Matter

Friday, June 10: Color-Glass, Pre-Equilibrium and Future Directions

Time	Speaker	Title
9:30 - 10:30	F. Gelis (Paris)	E.M. Emission from CGC/Pre-Equilibrium
10:30 - 11:00	Coffee Break	
11:00 - 12:00	B. Cole (Columbia Univ.)	Hard Photon Production at Intermediate p_t and Future RHIC Measurements
12:00 - 12:20	T. Ullrich (Brookhaven Lab.)	E.M. Probes from STAR
	Lunch Break	
14:15 - 15:15	I. Tserruya (Weizman Inst.)	Exp. Prospects for Dileptons at Collider Energies
15:15 - 15:45	Coffee Break	
15:45 - 16:45	P. Crochet (Clermond Ferrand)	E.M. Probes at LHC
	Dinner and Adjourn	