

Electromagnetic Probes of Strongly Interacting Matter

(ECT* Trento, June 18-22, 2007)

Preliminary Program (as of June 13, 2007)

Monday, June 18: Vector Mesons at SIS/FAIR Energies

(Chairs: Morning: R. Rapp, Afternoon: R. Holzmann)

Time	Speaker	Title
8:45 - 9:15	Registration	
9:15 - 9:30	director/organizers	Opening Remarks
9:30 - 10:30	P. Salabura (Cracow)	New results from HADES
10:30 - 11:00	Coffee Break	
11:00 - 12:00	E. Bratkovskaya (Frankfurt)	Dileptons from heavy-ion collisions: from SIS to FAIR and off-shell transport
12:00 - 13:00	C. Höhne (GSI)	Challenges for CBM: medium modifications at maximum baryon density
	Lunch Break	
14:30 - 15:15	Y. Pachmayer (Frankfurt)	Dilepton production at SIS energies
15:15 - 16:00	M. Thomere (Nantes)	Analysis of dilepton invariant mass spectra for 1-2 AGeV C+C from HADES : what's new on mesons properties?
16:00 - 16:30	Coffee Break	
16:30 - 17:10	E. Santini (Tübingen)	In-medium vector mesons and dileptons in heavy-ion collisions at 1-2 AGeV
17:10 - 17:50	T. Galatyuk (GSI)	Di-electron spectroscopy in CBM
17:50 - 18:30	M. Bleicher (Frankfurt)	Are dileptons a sensitive probe of the hot and dense matter produced in heavy-ion collisions?
18:30 - 19:00	Moderator	Discussion on dileptons at HADES and FAIR

Tuesday, June 19: Dileptons at CERN-SPS

(Chairs: Morning: G. Usai, Afternoon: P. Senger)

Time	Speaker	Title
9:30 - 10:30	H. Appelshäuser (Frankfurt)	Electromagnetic signals from CERES
10:30 - 11:00	Coffee Break	
11:00 - 12:00	S. Damjanovic (CERN)	Newest results on the rho spectral function and beyond from NA60
12:00 - 13:00	H. van Hees (Texas A&M)	Electromagnetic spectra at CERN-SPS and the QCD phase diagram
	Lunch Break	
14:30 - 15:15	R. Shahoyan (Lisboa)	NA60 results for intermediate-mass dimuon production in In-In collisions
15:15 - 16:00	W. Cassing (Gießen)	Dileptons from sQGP at SPS
16:00 - 16:30	Coffee Break	
16:30 - 17:10	K. Dusling (Stony Brook)	Thermal dimuon yields at SPS
17:10 - 17:50	J. Ruppert (McGill)	Low-mass dimuons produced in relativistic nuclear collisions
17:50 - 18:30	T. Renk (Jyväskylä)	Dimuon transverse-momentum spectra as a tool to characterize the emission region in heavy-ion collisions
18:30 - 19:00	Moderator	Discussion on low-mass dileptons

Wednesday, June 20: Vector Mesons in Nuclear Matter and Elementary Reactions

(Chairs: Morning: B. Friman, Afternoon: G. Chanfray)

Time	Speaker	Title
9:30 - 10:30	S. Leupold (GSI)	Vector mesons in dense matter
10:30 - 11:00	Coffee Break	
11:00 - 12:00	C. Djalali (Univ. of South Carolina)	Photo-excitation of vector mesons in nuclei
12:00 - 13:00	V. Metag (Gießen)	Photo-excitation of hadrons in nuclei
	Lunch Break	
14:30 - 15:15	D. Cabrera (Texas A&M)	Omega and Phi mesons in hot/dense matter: nuclear production reactions and heavy-ion collisions
15:15 - 16:00	M. Naruki (RIKEN)	In-medium vector mesons in p-A Reactions at KEK-PS E325
16:00 - 16:30	Coffee Break	
16:30 - 17:10	P. Muehlich (Gießen)	In-medium properties of the omega meson in photon-induced nuclear reactions
17:10 - 17:40	Y. van Haarlem (Gent)	Recent results from HERMES on hadron production off nuclei
17:40 - 18:30	moderator	Discussion on medium effects in elementary reactions

Thursday, June 21: Electromagnetic Probes at RHIC
 (Chairs: Morning: H. Specht , Afternoon: J. Knoll)

Time	Speaker	Title
09:30 - 10:30	C. Sasaki (Munich)	Dilepton production from dropping rho: the vector manifestation of chiral symmetry
10:30 - 11:00	Coffee Break	
11:00 - 12:00	A. Toia (Stony Brook)	Dileptons at RHIC
12:00 - 13:00	J.-e. Alam (Kolkata)	Thermal radiation from quark-gluon plasma and hot hadronic gas
	Lunch Break	
14:30 - 15:30	O. Kaczmarek (Bielefeld)	Vector spectral functions from lattice QCD
15:30 - 16:30	moderator	discussion on e.m. probes at RHIC
16:00 - 16:30	Coffee Break	
16:30 - 18:30	moderator (H. Specht)	Discussions on in-medium vector mesons, and dileptons at SPS and RHIC

Friday, June 22: Resonances and Hard Electromagnetic Probes
 (Chairs: Morning: C. Greiner, Afternoon: J. Stroth)

Time	Speaker	Title
09:30 - 10:10	P. Fachini-Laue (Brookhaven)	Resonances at RHIC
10:10 - 10:50	S. Vogel (Frankfurt)	Dilepton and resonance production in ultrarelativistic heavy-ion reactions
10:50 - 11:20	Coffee Break	
11:20 - 12:00	B. Schenke (Frankfurt)	Quantum transport with memory effects
12:00 - 13:00	C. Vale (Brookhaven)	Hard electromagnetic probes at RHIC
	Lunch Break	
14:30 - 15:30	C. Gale (McGill)	Electromagnetic signature of jet-plasma interaction
15:30 - 16:30	G. David (Brookhaven)	Direct photons at RHIC and E.M. probes at RHIC-II
16:30 - 16:40	organizer	Concluding remarks
16:40	Coffee Break	
	Adjourn	