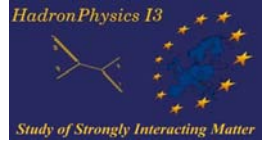


# The Physics of Compressed Baryonic Matter

International Workshop at GSI Darmstadt  
December 15 -16, 2005



<b>Thursday, Dec. 15</b>		
Time	Title	Speaker
9:00 – 9:15	Welcome	A. Kurz (GSI)
9:15 – 10:00	Overview: The QCD phase diagram	T. Hatsuda (Tokyo)
10:00 – 10:45	Lattice QCD calculations at finite $\mu_B$	F. Karsch (BNL/ Bielefeld)
10:45 – 11:15	Break	
11:15 – 12:00	Phases of Dense Matter in Compact Stars	F. Weber (San Diego)
12:00 – 12:45	Strongly interacting matter at high baryon density	D. Rischke (Frankfurt)
12:45 – 14:00	Lunch	
14:00 – 14:45	Dilepton spectroscopy in heavy-ion collisions	R. Rapp (Texas A&M)
14:45 – 15:15	Results from HADES	R. Holzmann (GSI)
15:15 – 15:45	Results from CERES	O. Busch (GSI)
15:45 – 16:15	Results from NA60	G. Usai (Cagliari)
16:15 – 16:45	Break	
16:45 – 17:15	Kinetic transport theory of heavy-ion collisions	C. Fuchs (Tübingen)
17:15 – 17:45	Strangeness production (experiment)	C. Höhne (GSI)
17:45 – 18:15	Particle production (theory)	E. Bratkovskaya (Frankfurt)
18:15 – 18:45	The CBM experiment at FAIR	V. Friese (GSI)
	Buffet	

<b>Friday, Dec. 16</b>		
Time	Title	Speaker
9:00 – 9:45	Phases of QCD: Lattice vs. PNJL Model	W. Weise (München)
9:45 – 10:30	The critical endpoint (lattice QCD)	Z. Fodor (Wuppertal)
10:30 – 11:00	Event-by-event fluctuations	V. Koch (Berkeley)
11:00 – 11:30	Break	
11:30 – 12:00	Multi-fluid hydrodynamics	Y. Ivanov (Moscow)
12:00 – 12:30	Non-equilibrium chiral hydrodynamics	A. Dumitru (Frankfurt)
12:30 – 13:00	Chiral condensate and open charm	B. Kämpfer (Rossendorf)
13:00 – 14:00	Lunch	
14:00 – 17:00	Public meeting of the physics working groups: discussion on first draft of physics book	Discussion organized by Conveners
17:00 – 17:30	Break	
17:30 – 19:00	Closed sessions of the working groups	
	Buffet	

Conveners: D. Blaschke, C. Fuchs, S. Leupold, B. Kämpfer, V. Koch, J. Knoll, J. Randrup, R. Rapp, K. Redlich, M. Stephanov