



**Workshop on
Muon Detection in
the CBM experiment
GSI Darmstadt
Theory seminar room SB3 3.170a
preliminary program**



Monday, Oct. 16		
Time	Title	Speaker
9:45 – 10:00	Welcome	P. Senger (GSI)
10:00 – 10:30	The CBM experiment	C. Höhne (GSI)
10:30 – 11:00	Status of CBM muon studies	I. Vassiliev (GSI)
11:00 – 11:30	Break	
11:30 – 12:15	Muon detection in NA60 experiment	R. Shahoyan (CERN)
12:15 – 13:00	Muon identification in Hera-B	Yu. Zaitsev (ITEP, DESY)
13:00 – 14:30	Lunch	
14:30 – 15:15	Muon detection in PHENIX	R. Towell (ACU)
15:15 – 15:35	Muon track reconstruction in CBM	I. Kisel (KIP)
15:35 – 15:50	Absorber studies for CBM	A. Kiseleva (GSI)
15:50 – 16:05	Simplified muon track reconstruction	V. Baublis (PNPI)
16:05 – 16:25	FLUKA/GEANT simulations	D. Bertini (GSI)
16:25 – 16:55	Break	
16:55 – 18:30	Discussion on absorber materials, track reconstruction ...	
19:00	Buffet	

Tuesday, Oct. 17		
Time	Title	Speaker
9:00 – 9:45	Muon Identification in ALICE	A. Morsch (CERN)
9:45 – 10:30	Muon identification in LHCb	B. Schmidt (CERN)
10:30 – 11:00	Break	
11:00 – 11:45	The CALICE Calorimeters for the ILC	S. Schätzel (DESY)
11:45 – 12:15	Muon detector concepts for CBM	S. Chattopadhyay (VECC)
12:15 – 12:45	Muon detector options for CBM	V. Nikulin (PNPI)
12:45 – 14:00	Lunch	
14:00 – 14:20	Calorimeter for e and μ identification	Y. Kharlov (IHEP)
14:20 – 14:30	Micropattern detectors	C. Schmidt / (GSI)
14:30 – 14:50	Micropattern detectors	B.K. Singh (BHU)
14:50 – 15:05	A muon experiment at JINR Dubna	A. Malakhov (JINR)
15:05 – 16:30	Discussion on detector technologies	
	Coffee	

Wednesday, Oct. 18		
9:00 – 10:00	Simulation working group meeting	
10:00 – 12:00	Discussion on Muon detector proposal to be submitted to EU FP7 Design call	
12:00 – 13:00	Lunch	
14:00 – 15:00	Next steps INTAS project: CBM Muon detection System	