



New Frontiers at

RHIC

PANIC05 Satellite Meeting, October 2005

Physics Opportunities & Accelerator Challenges

Santa Fe, New Mexico

PANIC'05 Satellite Meeting

October 29-30, 2005



BROOKHAVEN
NATIONAL LABORATORY

October 29, 2005

Session 1			Chair A. Deshpande (SBU)
	9:00-9:45	Grand Vision of RHIC II	D. Kharzeev (BNL)
	9:45-10:30	Grand Vision of eRHIC	A. Mueller (Columbia)
Coffee	10:30-10:45		
Session 2	10:45-11:00	BNL Director's Perspective	P. Bond (BNL, Deputy Director for Science & Technology)
	11:00-11:45	RHICII: Science & Perspective	W. Zajc (Columbia)
	11:45-12:30	eRHIC: Science & Perspective	R. Milner (MIT)
Lunch	12:30-1:30		
Session 3			Chair W. Vogelsang (BNL)
	1:30-2:15	Nucleon Spin: Present & Future (RHIC Spin & II)	S. Vigdor (Indiana)
	2:15-3:00	dA/pA physics at RHIC	C. Gagliardi (Texas A&M)
Coffee	3:00-3:15		
Session 4	3:15-3:45	RHIC Physics in LHC era	A. Frawley (Florida State)
	3:45-4:15	A new detector for RHIC?	R. Bellwied (Wayne State)
	4:15-4:45	Detector Upgrades at RHIC	T. Ludlam (BNL)

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Session 5		Chair R. Venugopalan	
	9:00-9:30	Inclusive and Semi-inclusive DIS at eRHIC	E. Kinney (Colorado)
	9:30-10:00	Exclusive measurements at eRHIC/EIC	A. Bruell (Jefferson Lab)
	10:00-10:30	Ultra peripheral collisions at LHC & eA physics at eRHIC	M. Strikman (Penn State)
Coffee	10:30-10:45		
Session 6	10:45-11:30	Machine issues for RHIC II	W. Fischer (BNL)
	11:30-12:15	eRHIC accelerator design and plans	V. Ptitsyn (BNL)
	12:15-1:00	Detector Ideas for eRHIC	B. Surrow (MIT)
Lunch	1:00-2:00		
Session 7			
	2:00-4:00	Discussion on RHIC II and eRHIC	H. Satz (Bielefeld) and L. McLerran (BNL)
Coffee	4:00	END OF THE MEETING	