

# STAR Upgrade Workshop

11 Jun - 12 Jun, 2012

BNL (Building 515 ITD seminar room, connect to Physics building)

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## Monday, June 11

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*PP/PA PHYSICS CASES :: Building 515 (connect to physics building) ITD seminar room :: 09:00-12:00*

09:00-09:40	Correlation measurements in pp/pA	Zhongbo Kang
09:40-10:20	Polarized pp/pA Measurements (experimental perspectives)	Elke Aschenauer
10:20-10:40	pp/pA plans	Huan Huang

*FORWARD CALORIMETRY/TRACKING :: TBD :: 11:00-13:00*

10:50-11:20	Forward Calorimeter System	Oleg Tsai
11:20-11:50	Forward Meson Spectrometer status/plan	Stephen Trentalange
11:50-12:10	Forward Hadronic Calorimeter/Preshower	Hank Crawford
12:10-12:30	FGT Performance and plans	Bernd Surrow
12:30-12:50	Very Forward Tracking (VFGT)	Renee Fatemi

*INNER TPC UPGRADE (ITPC) :: TBD :: 14:00-15:30*

14:00-14:25	iTPC project scope	Jim Thomas
14:25-14:40	iTPC Electronics & DAQ	Tonko Ljubicic
14:40-15:00	Physics cases for iTPC	Jamie Dunlop
15:00-15:20	iTPC geometry and simulation	Hao Qiu
15:20-15:40	Discussions about how to move forward (R&D, simulations, proposal)	All

*DECADAL PLAN DISCUSSIONS/PROGRESS :: TBD :: 15:50-18:00*

15:50-16:20	CGC predictions in polarized pp/pA	Yuri Kovchegov
16:20-17:00	Decadal Overview and Plans	Carl Gagliardi
17:00-17:20	BES Phase II	Daniel Cebra
17:20-17:40	Recent STAR Physics Highlights	Xin Dong
17:40-18:40	Discussions	

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## Tuesday, June 12

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*ESTAR PHYSICS :: TBD :: 09:00-10:30*

09:00-09:20	Nuclear Diffractive measurements before EIC	Ramiro Debbe
09:20-09:40	Roman Pot Phase II for pp/pA/ep/eA	Wlodek Guryn
09:40-10:20	eRHIC IR design and eSTAR configuration	Dejan Trbojevic

*ESTAR CONFIGURATION AND DETECTOR R&D :: TBD :: 10:40-12:30*

10:40-11:20	eSTAR Physics Case Discussions	All (led by Ernst)
11:20-11:50	TRD R&D	Ming Shao
11:50-12:10	Crystal Calorimeter R&D (BSO/PWO)	Yifei Zhang
12:10-12:40	Other Forward tagging Ideas	All

*DECADAL PLAN DISCUSSIONS/PROGRESS (TAKE II) :: TBD :: 14:00-15:30*

14:00-14:20	Trigger Upgrade	Chris Perkins
14:20-14:30	DAQ10K Upgrade Status	Tonko Ljubicic
14:30-15:30	Discussions/Proposals	All (led by Carl)

*SIMULATION FRAMEWORK/GENERATOR AND TASKS :: TBD :: 16:00-18:00*

16:00-16:30	eSTAR simulation status	Ming Shao
16:30-17:00	Integrated pp/pA/ep/eA generator interface to STAR/plans/action items	Jason Webb

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**Tuesday, June 12, cont-d**

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17:00-17:30	Forward Tracking Algorithms	Victor Perevoztchikov
17:30-18:10	To-do list	All

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THE END

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