**Agenda for Brookhaven/RBRC Summer Program on Nucleon Spin Physics**

**July 14 – 27, 2010**

(version July 23, 2010)

**Wednesday, July 14, 2010**

*Large seminar room, Physics Department*

9:00AM – 9:10AM  
Ludlam, Thomas (BNL)  
Welcome

9:10AM – 10:10AM  
Mulders, Piet (Amsterdam)  
"Overview on TMD factorization”

10:10AM – 10:30AM  
Coffee break

10:30AM – 11:30AM  
Mueller, Dieter (Bochum)  
"GPD phenomenology of hard exclusive processes”

11:30AM – Noon  
Discussion

*Large seminar room, Physics Department*

1:30PM – 2:30PM  
Chen, Jian‐Ping (JLab)  
"Measurements of the Neutron Single Spin Asymmetries in SIDIS on a Polarized 3He Target”

2:30PM – 3:30PM  
Avakian, Harut (JLab)  
"JLab 12 GeV upgrade and spin physics”

3:30PM – 5:00PM  
Coffee break and DISCUSSION

**Thursday, July 15, 2010**

*Small seminar room, Physics Department*

9:00AM – 10:00AM  
Schlegel, Marc (Tubigen)  
"Spin observables in hadron collisions”

10:00AM – 10:30AM  
Coffee break

10:30AM – 11:30AM  
Diehl, Markus (DESY)  
"Spin Physics with Unpolarized Protons”

11:30AM – Noon  
Discussion

**Friday, July 16, 2010**

*Small seminar room, Physics Department*

9:00AM – 10:00AM  
Koike, Yuji (Niigata)  
"Overview of single transverse spin asymmetry – twist-3 mechanism”

10:00AM – 10:30AM  
Coffee break

10:30AM – 11:30AM  
Kang, Zhong-Bo (RBRC, BNL)  
"Global analysis of single transverse spin asymmetries - twist-3 distributions”

11:30AM – Noon  
Discussion
Monday, July 19, 2010

Small seminar room, Physics Department
9:00AM – 10:00AM  Stratmann, Marco (Regensburg/Wurzburg)
   “Global analysis of spin PDFs”
10:00AM – 10:30AM Coffee break
10:30AM – 11:30AM Zhou, Jian (Temple)
   “SSAs for a Few Processes”
11:30AM – Noon  Discussion

Large seminar room, Physics Department
1:30PM – 2:30PM  Gagliardi, Carl (Texas A&M)
   "Gluon Polarization measurements with STAR"
2:30PM – 3:30PM  Boyle, Kieran (RBRC/Stony Brook)
   "Quark and Gluon Polarization measurements with PHENIX"
3:30PM – 5:00PM  Coffee break and DISCUSSION (include higher twists etc.)

Tuesday, July 20, 2010 – no physics colloquium

Small seminar room, Physics Department
9:00AM – 10:00AM  Courtoy, Aurore (Pavia)
   “Di-hadron fragmentation functions”
10:00AM – 10:30AM Coffee break
10:30AM – 11:30AM Seidl, Ralf (RIKEN)
   “Polarized Fragmentation functions”
11:30AM – Noon  Discussion

Small seminar room, Physics Department
1:30PM – 2:30PM  Schnell, Gunar (DESY)
   “HERMES on Spin”
2:30PM – 3:30PM  Kurek, Krzysztof (Warsaw)
   “COMPASS on Spin”
3:30PM – 5:00PM  Coffee break and Discussions

Wednesday, July 21, 2010
Small seminar room, Physics Department
9:00AM – 10:00AM  Haegler, Philip (Munich)
   “Spin PDFs on Lattice”
10:00AM – 10:30AM Coffee break
10:30AM – 11:30AM Leader, Elliot (Imperial College London)
   “On the Controversy in Defining Quark and Gluon Angular Momentum”
11:30AM – Noon  Discussion

Small seminar room, Physics Department
1:30PM – 2:30PM  Peng, Jen-Chieh (UIUC)
   “DY with an internal target at RHIC”
2:30PM – 3:10PM  Perkins, Chris (BNL)
   “DY with a dedicated collider experiment at RHIC”
3:10PM – 3:40PM  Kurek, Krzysztof (Warsaw)
   “DY with COMPASS”
3:40PM – 5:00PM  Coffee Break and Discussions
6:00OM –  Workshop dinner at Brookhaven Center

Thursday, July 22, 2010

Large seminar room, Physics Department
9:00AM – 9:45AM  Deshpande, Abhay (Stony Brook)
   "An EIC in the U.S., science goals, initiatives, and timelines."
9:45AM – 10:30AM Burton, Thomas (BNL)
   "Dedicated EIC detector design/Semi-inclusive DIS"
10:30AM – 11:00AM Coffee break
11:00AM – 12:00PM Elke/Ernst
   “ Discussions on Current Capabilities from STAR and PHENIX”
1:30PM –  More discussion if needed

Friday, July 23, 2010

Small seminar room, Physics Department
9:00AM – 10:00AM  Wakamatsu, Masashi (Osaka)
   "Gauge- and frame-independent decomposition of nucleon spin"
10:00AM – 10:30AM Coffee break
10:30AM – 11:30AM Gamberg, Leonard (PSU)
   “Transverse spin and momentum correlation in QCD”

Monday, July 26, 2010

Small seminar room, Physics Department
9:00AM – 10:00AM  Soffer, Jacques (Temple)
“Recent advances in the statistical parton distributions”
10:00AM – 10:30AM Coffee break
10:30AM – 11:30AM Xiao, Bowen (LBNL)
   “TMD factorization and small-x physics”
11:30AM – Noon   Discussion

*Small seminar room, Physics Department*
2:00PM – 2:30PM   Liu, Ming (LANL)
   “SSA in Heavy Flavor Production”
2:30PM – 3:00PM   Leader, Elliot (Imperial College London)
   “Comments on the Transverse Angular Momentum Sum Rule”
3:00PM – 3:30PM   Coffee break
3:30PM - 5:00PM   Short talks (20-30 min each)?

**Tuesday, July 27, 2010**

*Small seminar room, Physics Department*
9:00AM – 10:00AM  Topic discussions
10:00AM – 10:30AM Coffee break
10:30AM – Noon     Workshop summary on various topics

Noon     Closing