

## Parton and Gluon Distributions in Nucleons and Nuclei: Parallel Schedule

### Parallel 4 May 30: Nuclear PDFs and Heavy Ion Physics (PGDNN/QMHI)

1. 30': [144] *Recent progress in nuclear parton distributions*  
Maria Zurita, BNL
2. 30': [111] *Nuclear PDF, small-x physics results at RHIC*  
Xuan Li, LANL
3. 30': [293] *Cold QCD Physics of the STAR Forward Upgrade*  
James Drachenberg, Lamar U
4. 30': [355] *EIC at small-x: connections to  $p+p/A$  &  $A+A$  physics at RHIC and LHC*  
Prithwish Tribedy, BNL
5. 20': [30] *Hadron in jet fragmentation*  
Felix Ringer, LBL

### Parallel 5 May 31: Parton Helicities and the Spin Sum Rule

1. 30': [214] *Gluon spin from lattice QCD*  
Keh-Fei Liu, U of Kentucky
2. 30': [59] *Overview of longitudinal spin physics results from RHIC*  
Ming Liu, LANL
3. 20': [11] *Nucleon spin structure measurements at JLab*  
Alexandre Deur, JLab
4. 20': [24] *Hadron multiplicity and fragmentation in SIDIS*  
Nicolas Pierre, Saclay

### Parallel 7 June 1: Unpolarized PDFs

1. 30': [5] *Unpolarized parton distribution functions today: needs, achievements and challenges*  
Emanuele Nocera, U of Edinburgh
2. 20': [181] *Parton distribution functions with intrinsic charm and other news from CTEQ*  
Marco Guzzi, Kennesaw State U
3. 20': [204] *Probing nucleon and nucleus structures with Drell-Yan process induced by 120 GeV/c proton beam*  
Paul Reimer, Argonne
4. 30': [110] *Electroweak, jet and heavy flavor probes in proton-lead collisions at the LHC*  
Soumya Mohapatra, Columbia U

### Parallel 8 June 1: Transverse Spin Structure and Fragmentation

1. 30': [17] *TMDs – transverse connections between nuclear and particle physics*  
Andrea Signori, JLab
2. 30': [108] *Transverse spin related measurements at RHIC*  
Oleg Eyser, BNL
3. 20': [348] *HERMES transverse spin*  
Bjoern Seitz, Glasgow U
4. 20': [127] *First extraction of transversity from data on lepton-hadron scattering and hadronic collisions*  
Marco Radici, INFN/Pavia

5. 20': **[142]** *Light quark fragmentation studies at the B-factories*  
Anselm Vossen, Duke/JLab
6. 20': **[232]** *Achievements and open issues in the determination of fragmentation functions*  
Emanuele Nocera, Higgs Center for Theoretical Physics

**Parallel 9 June 2: Exclusive Physics and Future**

1. 30': **[23]** *Accessing the generalized parton distributions in the valence region at Jefferson Laboratory*  
Maxime Defurne, CEA-Saclay
2. 30': **[347]** *Drell-Yan Physics with Negative Pion Beams and Polarized Proton Targets at COMPASS*  
Matthias Grosse Perdekamp, UIUC
3. 30': **[168]** *Generalized parton distributions of the deuteron in a covariant framework*  
Adam Freese, ANL
4. 30': **[35]** *Probing the strange sea quarks with Kaon SIDIS*  
Fatiha Benmokhtar, Duquesne U
5. 20': **[143]** *Novel Experimental probes of QCD in SIDIS and  $e+e-$  annihilation*  
Anselm Vossen, Duke