

# *Emerging Spin and Transverse Momentum Effects in $p+p$ and $p+A$ Collisions*

## *Agenda*

**Monday 8<sup>th</sup> of February 2016**

	Session Chair: Ralf Seidl	
<b>08:45 – 09:00</b>	Welcome and Goals of the Workshop	
<b>09:00 – 09:30</b>	TMD Evolution in CSS	John Collins
<b>09:30 – 10:00</b>	TMD fragmentation and PDF at NNLO in QCD	Ignazio Scimemi
<b>10:00 – 10:30</b>	<b>COFFEE BREAK</b> (INCLUDED WITH ATTENDANCE)	
	Session Chair: Renee Fatemi	
<b>10:30 – 11:00</b>	Collins Effect in SIDIS, $e+e^-$ , and $pp$ Collisions	Alexei Prokudin
<b>11:00 – 11:30</b>	Experimental Talk on Evolution	Oleg Eyser
<b>11:30 – 12:00</b>	~ ~ ~ <i>Discussion-I</i> ~ ~ ~	
<b>12:00 – 14:00</b>	<b>LUNCH BREAK</b> (ON YOUR OWN, SELF-PAY)	
	Session Chair: Elke-Caroline Aschenauer	
<b>14:00 – 14:30</b>	Opportunities in Hadron Distribution Inside the Jet	Zhongbo Kang
<b>14:30 – 15:00</b>	Collinear Twist-3 Factorization in $pp$ Collisions	Andreas Metz
<b>15:00 – 15:30</b>	Bessel Weighted Asymmetries	Leonard Gamberg
<b>15:30 – 16:00</b>	<b>COFFEE BREAK</b> (INCLUDED WITH ATTENDANCE)	
	Session Chair: John Lajoie	
<b>16:00 – 16:30</b>	Extraction of Transversity in a Collinear Framework	Alessandro Bacchetta
<b>16:30 – 17:00</b>	Exploring Universality of Transversity in proton-proton Collisions	Marco Radici
<b>17:00 – 17:30</b>	The Nonperturbative Contribution to TMD Cross Sections in SIDIS	Bowen Wang
<b>17:30 – 18:00</b>	Single Spin Asymmetries in Hadronic Interactions within the Generalized Parton Model Approach	Cristian Pisano
<b>18:00 – 18:30</b>	~ ~ ~ <i>Discussion-II</i> ~ ~ ~	

## Tuesday 9<sup>th</sup> of February 2016

	Session Chair: Renee Fatemi	
<b>09:00 – 09:30</b>	Angular Asymmetries in High Multiplicity pp/pA Collisions	Bjoern Schenke
<b>09:30 – 10:00</b>	Helicity Evolution at Small $x$	Matt Sievert
<b>10:00 – 10:30</b>	Experimental Overview on Saturation @ RHIC	Richard Seto
<b>10:30 – 11:00</b>	<b>COFFEE BREAK</b> (INCLUDED WITH ATTENDANCE)	
	Session Chair: Adrian Dumitru	
<b>11:00 – 11:30</b>	nPDF + nFF	Marco Stratmann (remote)
<b>11:30 – 12:00</b>	Initial-state in-medium Bremsstrahlung Contribution to Soft and Hard Processes in Reactions with Nuclei	Ivan Vitev
<b>12:00 – 14:00</b>	<b>LUNCH BREAK</b> (ON YOUR OWN, SELF-PAY)	
	Session Chair: Adrian Dumitru	
<b>14:00 – 14:30</b>	Gluon TMD Studies at RHIC	Daniel Boer
<b>14:30 – 15:00</b>	TMDs of a Large Nucleus: Quasi-Classical Approximation and Quantum Evolution	Yuri Kovchegov
<b>15:00 – 15:30</b>	Overview and Status on Saturation	Alex Kovner
<b>15:30 – 16:00</b>	<b>COFFEE BREAK</b> (INCLUDED WITH ATTENDANCE)	
	Session Chair: Anselm Vossen	
<b>16:00 – 16:30</b>	Small- $x$ Improved TMD Factorization for Forward Particle Production and Possible pA Measurements	Cyrille Marquet
<b>16:30 – 17:00</b>	Gluon TMDs at Small $x$	Bowen Xiao
<b>17:00 – 17:30</b>	Dijet Azimuthal Anisotropy in High Energy DIS	Vladimir Skokov
<b>17:30 – 18:00</b>	~ ~ ~ <i>Discussion-III</i> ~ ~ ~	
<b>18:30 – 20:00</b>	<b>RECEPTION, BERKNER HALL LOBBY</b> (INCLUDED WITH ATTENDANCE)	

## Wednesday 10<sup>th</sup> of February 2016

	Session Chair: Daniel Pitonyak	
<b>09:00 – 09:30</b>	Color Entanglement Effects at RHIC	Jian Zhou <small>(remote)</small>
<b>09:30 – 10:00</b>	SSA in pA Experimental	Chris Dilks
<b>10:00 – 10:30</b>	<b>COFFEE BREAK</b> (INCLUDED WITH ATTENDANCE)	
	Session Chair: Elke-Caroline Aschenauer	
<b>10:30 – 11:00</b>	Experimental Overview on Diffraction in pp	Christina Mesropian
<b>11:00 – 11:30</b>	Diffraction at RHIC in pp and pA	William Schmidke
<b>11:30 – 12:00</b>	Neutron A_N in pp and pA	Minjung Kim
<b>12:00 – 14:00</b>	<b>LUNCH BREAK</b> (ON YOUR OWN, SELF-PAY)	
	Session Chair: Anselm Vossen	
<b>14:00 – 14:30</b>	pA RHIC Future Experimental	Carl Gagliardi
<b>14:30 – 15:00</b>	pp RHIC Future Experimental	Sasha Bazilevsky
<b>15:00 – 15:30</b>	~ ~ ~ <i>Discussion-IV</i> ~ ~ ~	
<b>15:30 – 16:00</b>	<b>COFFEE BREAK</b> (INCLUDED WITH ATTENDANCE)	
	Session Chair: Ralf Seidl	
<b>16:00 – 16:30</b>	Drell-Yan Measurements at COMPASS	Caroline Riedl
<b>16:30 – 17:00</b>	Drell-Yan Measurements at Fermi Lab	Kun Liu
<b>17:00 – 17:30</b>	Connection to EIC	Jianwei Qui