

ANL EIC Workshop Concluding Remarks

Effort organization - 1

Subgroups (suggested names)	Topics	Conveners	Experimentalists	Theorists
Color in nuclei	* Color Transparency * Color Glass Condensate	D. Dutta	L. El Fassi M. Holtrop R. Ent	C. Degli Atti L. Frankfurt K. Gallmeister B. Kopeliovich J. Miller U. Mosel J. Nemchik I. Ryckebush M. Sargsian I. Schmidt M. Strikman
Hidden color Duality	Hidden color Duality	K. Hafidi P. Hoyer		S. Brodsky P. Hoyer
Propagation in nuclei	* Parton propagation * Hadronization	A. Accardi	W. Brooks R. Dupre D. Dutta L. El Fassi J. Gilfoyle K. Joo	C. Degli Atti K. Gallmeister B. Kopeliovich U. Mosel J. Nemchik X-N. Wang F. Arleo

Effort organization - 2

Exclusive reactions	<ul style="list-style-type: none"> * DVCS * Shadowing * Anti-shadowing 	V. Guzey	S. Dhamija R. Dupre H. Egiyan A. El Alaoui F-X. Girod	S. Ahmad S. Brodsky L. Frankfurt B. Kopeliovich S. Liuti J. Nemchik I. Schmidt M. Siddikov M. Strikman
Nuclear form factors	Nuclear form factors	D. Higinbotham	S. Gilad G. Ron	P. Hoyer
Nuclear effects	<ul style="list-style-type: none"> * EMC effect * Medium modification * Anti-shadowing * Shadowing 	J. Arrington	D. Dutta D. Gaskell S. Gilad K. Joo P. Reimer P. Solvignon R. Ent	A. Accardi C. Degli Atti P. Hoyer S. Liuti J. Miller
Short range structure	* Correlations	M. Sargsian	J. Arrington S. Gilad D. Higinbotham P. Solvignon	A. Accardi C. Degli Atti P. Hoyer I. Ryckebush M. Strikman
Bose-Einstein correlations	Bose-Einstein correlations, HBT	J. Gilfoyle	W. Brooks K. Hafidi	J. Miller

Timeline

Next couple of weeks

- Working group chairs send a compilation of the physics topics discussed in the workshop
- Organize a phone conference to set the priorities and identify at least one interesting topic to study and the persons interested (this is special opportunity for young people!)

Next month

Prepare a draft version of the white paper (“nuclear Chromo-Dynamics” section)

Next two months

- Finalize the simulations: Define the energy, luminosity, angular range and resolution
- Agree on two or three flagship measurements to present in the **June users group meeting**

Next six months

Expand our efforts to new topics and finalize* our section in the EIC white paper (Seattle meeting)

Thank you for your outstanding participation and I hope that we will keep the momentum and succeed to make an excellent case for the physics we all love !