

First Workshop on Quark-Hadron Duality and the Transition to pQCD

Conference Program

June 6			
Title	Time	Speaker	Affiliation
<i>Registration</i>		08:30-09:10	
Chair: E. De Sanctis			
Welcome from LNF Director	09:10-09:20	M. Calvetti	INFN Frascati
Introduction	09:20-10:00	C. Carlson	Phys. Dept. College of William and Mary
Duality in unpolarised structure functions. Validation and Application	10:00-10:30	R. Ent	JLAB
<i>Coffee Break</i>		10:30-11:00	
Chair: J. P. Chen			
Duality in the polarized structure functions	11:00-11:30	H. P. Blok	Vrije Universiteit and NIKHEF
Duality in Semi-Inclusive DIS	11:30-12:00	P. Bosted	JLAB
GDH experimental	12:00-12:30	Z.E. Meziani	Temple University
<i>Lunch</i>		12:30-14:00	
Chair: P. Hoyer			
Quark models of duality in electron and neutrino scattering	14:00-14:30	W. Melnitchouk	JLAB
Statistical Quark Model	14:30-15:00	J. Soffer	Marseille, CPT
Extrapolation to Chiral Limit	15:00-15:30	A. Thomas	JLAB
Accurate Determinations of α_s from Realistic Lattice QCD	15:30-16:00	H. Trottier	Simon Fraser University
<i>Coffee Break</i>		16:00-16:30	
Chair: D. Crabb			
α_s at low Q^2	16:30-17:00	A. Deur	JLAB
Neutron spin structure function	17:00-17:20	P. Solvignon	Temple University
Local duality in spin structure function	17:20-17:40	Y. Prok	MIT
Spin flavor decomposition and duality in polarized SIDIS	17:40-18:00	X. Jiang	Rutger University
Polarized structure functions: p/d measurements in the resonance region	18:00-18:20	M. Jones	JLAB

June 7

Title	Time	Speaker	Affiliation
Chair: L. Pancheri			
Duality in vector meson production	09:00-09:30	A. Donnachie	Manchester University
Photon pion production from nucleon and scaling	09:30-10:00	H. Gao	TUNL, Durham and Duke University
Onset of scaling in exclusive processes	10:00-10:30	M. Mirazita	INFN Frascati
<i>Coffee Break and Group Photo</i>	10:30-11:00		
Chair: V. Muccifora			
Exclusive baryon-antibaryon production in $\gamma\gamma$	11:00-11:30	T. Barillari	Max Planck Institut
Photoabsorption and photoproduction on nuclei in the resonance region	11:30-12:00	S. Schadmand	IKP FZ Juelich
Duality on nuclei	12:00-12:30	C. Keppel	Hampton University
<i>Lunch</i>	12:30-14:00		
Chair: N. Bianchi			
Quark-hadron duality in nuclear hadronization	14:00-14:30	X.N. Wang	BNL
Hadron attenuation by (pre-)hadronic FSI at HERMES	14:30-15:00	K. Gallmeister	Giessen University
The quest for the Quark-Gluon-Plasma: the High-Energy frontier	15:00-15:30	P. Giubellino	INFN Torino
QGP and hadronic gas on the lattice	15:30-16:00	M.P. Lombardo	INFN Frascati
<i>Coffee Break</i>	16:00-16:30		
Chair: C. Keppel			
Neutrino and electron cross sections at low Q^2	16:30-17:00	A. Bodek	Rochester University
Neutrino local duality and charge symmetry violation	17:00-17:30	F. Steffens	Mackenzie University
Higher twist effects in polarized DIS	17:30-18:00	D. Stamenov	Sofiya, Institute for Nuclear Research
Higher twist effects in polarized experiments	18:00-18:20	N. Liyanage	University of Virginia
Higher twist effects in parton fragmentation functions	18:20-18:40	G. Xu	University of Houston
<i>Conference Dinner at Villa Vecchia</i>	20:00		

June 8

Title	Time	Speaker	Affiliation
Chair: C. Carlson			
Status of unpolarised and polarised parton distributions	09:00-09:30	J. Blumlein	DESY
The transition from pQCD to npQCD	09:30-10:00	A. Fantoni	INFN Frascati
QCD sum rules	10:00-10:30	M. Shifman	Minnesota University
<i>Coffee break</i>	10:30-11:00		
Chair: S. Liuti			
Scales of QCD	11:00-11:30	A. Vainshtein	Minnesota University
Nearly-Conformal QCD and AdS/CFT	11:30-12:00	G. de Teramond	Costa Rica University
Matching meson resonances to OPE in QCD	12:00-12:30	A. Andrianov	INFN Bologna
<i>Lunch</i>	12:30-14:00		
Chair: A. Thomas			
Review of Generalized Parton Distributions	14:00-14:30	M. Guidal	Orsay, IPN
Experimental overview on exclusive processes	14:30-15:00	D. Hasch	INFN Frascati
Quark-hadron duality and transverse polarization	15:00-15:30	O. Teryaev	BLTP, JINR
Extension to the transverse degree of freedom of the statistical parton distributions	15:30-16:00	F. Buccella	INFN Napoli
<i>Coffee break</i>	16:00-16:30		
Chair: P. Di Nezza			
Research Perspectives with the JLAB 12 GeV Upgrade	16:30-17:10	K. de Jager	JLAB
Perspectives with PANDA	17:10-17:30	P. Gianotti	INFN Frascati
Transversity measurement with polarized antiproton-proton interactions: the PAX experiment	17:30-17:50	P.F. Dal Piaz	INFN Ferrara
Summary	17:50-18:30	P. Hoyer	Helsinki University and Helsinki Institute of Physics
<i>Refreshments at the LNF</i>	19:00		
<i>Concert for piano and violin at LNF</i>	20:00	J. Liebeck and C. Owen	