Appendix B

The APS Division of Nuclear Physics Town Meeting Agenda

THURSDAY, NOV 30

PM	**Welcome Reception**	
6:30 - 8:00	Rainbow Ballroom Omni Newport News Hotel	

FRIDAY, DEC. 1

AM	**<u>The Study of Hadrons: the Broad View</u> (H. Jackson, Chair)**	
8:30	C. Leemann (JLab)	Welcome
8:40	C. Glashausser (Rutgers)	The Charge to NSAC
9:00	F. Close (Rutherford)	Hadron Spectroscopy
9:50	S. Vigdor (Indiana)	Open Questions in Nucleon Spin Structure
10:40	Break	
11:00	B. Filippone (Caltech)	Open Questions in Medium Energy Physics
11:50	C. Meyer (CMU)	The Key Scientific Issues in Hadron Physics - A report from the Sanderling Meeting
12:40	Lunch	

PM	**<u>Highlights since the last LRP, Part I</u> (B. Beise, Chair)**	
2:00	B. Holstein (U Mass)	Chiral Effective Theories: Tests and Challenges
2:40	H. Gao (MIT)	Electromagnetic structure of the nucleon
3:30	Break	
3:50	D. Beck (Illinois)	Weak structure of the nucleon
4:30	R. Holt (Argonne)	Some Highlights in Few-Body Nuclear Physics
5:20	J. Carlson (LANL)	Precision models of the NN interaction and applications

SATURDAY, DEC. 2

AM	**Highlights since the last LRP, Part II (D. Hertzog, Chair)**	
9:00	Z. Meziani (Temple)	Sum Rules and spin structure of nucleons
9:40	J.C. Peng (Los Alamos)	Flavor Structure of Hadrons and Nuclei
10:30	Break/Poster Sessions	
10:50	N. Makins (Illinois)	Hadron Structure and Semi-inclusive reactions
11:30	G. Franklin (CMU)	Nuclear Physics in the Strangeness Sector
12:10	S. Dytman (Pitt)	N* Physics from the Crystal Ball and CLAS
12:50	Lunch/Poster Sessions	

PM	**The JLAB 12 GeV Upgrade (J. Moss, Chair)**	
2:00	F. Close (Rutherford)	Overview
2:30	A. Dzierba (Indiana Univ.)	Understanding Confinement: Meson Spectroscopy and the Hall D project
3:30	V. Burkert (JLab)	Nucleon Structure in the Valence Region
4:30	Break/Poster Sessions	
4:45	H.P. Blok (Vrije Univ)	Other major thrusts in the 12 GeV program
5:30	L. Cardman (JLab)	Technical Overview of the 12 GeV Facility

EVE	**Contributions and open discussion (F. Myhrer, Chair)**	
8:00	M. Moinester (Tel Aviv)	Pion Polarizability and Hybrid Meson Structure at COMPASS
8:14	D. Weygand (JLab)	BNL E852 - Status of Meson Spectroscopy
8:28	R. Schumacher (CMU)	Hyperon photoproduction with CLAS
8:35	C. Keppel (HU)	Parton-Hadron Duality in Electron Scattering
8:42	S. Liuti (UVA)	Unraveling the Low Q^2 Structure of Hadrons: From Partons to Constituent Quarks

8:49	F. Klein (JLab)	Search for "missing" resonances in the omega and 2-pion electroproduction
8:56	J. Peterson (Fermi)	Secondary hadron beams at Fermilab
9:03	P. Stoler (RPI)	Prospects of a Program of Measuring Electromagnetic Exclusive Form Factors at High t and Parton Correlations.
9:10	Open Discussion	

SUNDAY, DEC. 3

AM	**Future Collider Facilities and Hadron Beams (C. Howell, Chair)**	
8:30	T. Londergan (Indiana)	e-p Collider Physics
9:00	A. Deshpande (BNL/RIKEN)	Low x Physics with eA and Polarized ep Scattering
9:30	I. Ben-Zvi (BNL)	Machine Considerations
10:00	Discussion	
10:40	Break	
11:00	P. Paul (SUNY-SB/BNL)	AGS Hadron Beam Availability
11:20	T. Roser(BNL)	AGS Beams and RHIC running
11:40	Discussion (Impact of AGS)	
12:00	Prof. Kishimoto (Osaka)	The Japan Hadron Facility
12:25	Lunch	

PM	**New Directions in Theory and Low Energy Facilities (P. Paul, Chair)**	
1:45	J. Negele (MIT)	The MIT/JLAB Lattice Initiative
2:35	M. Savage (UW)	Results and New Directions in Effective Field Theories
3:15	B. Gibson (LANL)	Theoretical Needs
3:40	Break	
3:55	H. Weller (Duke)	TUNL/DFELL HIGS Program
4:15	A. Sandorfi (BNL)	Physics with LEGS
4:35	R. Milner (MIT/Bates)	The MIT-Bates program

5:05	Discussion (Impact of these facilities)	

EVE **<u>Contributions and open discussion (continued)</u> (D. Isenhower, Chair)**

8:00	H. F. Dylla (JLab)	Opportunities and Benefits from Technology Transfer from the Nuclear Physics Program
8:14	M. Grosse Perdekamp (BNL)	Future Transversity Measurements at RHIC
8:21	B. Gibson (LANL)	Neutron-Proton Scattering
8:28	H. R. Weller (Duke)	Radiative Capture Reactions below 160 keV
8:35	L. Gan (HU)	Precision Measurements of the Electromagnetic Properties of Pseudoscalar Mesons at 11 GeV via the Primakoff Effect
8:42	L.C. Smith (JLab)	Precision measurements of N* and Delta* transition amplitudes
8:49	S. Kuhn (ODU)	Spin Structure Measurements with CLAS
8:56	C. Perdrisat (W&M)	Measurement of the Proton's G_{Ep}/G_{Mp} Ratio to large Q^2 at JLab
9:03	C-R. Ji (NCSU)	Constituent Quark Model on The Light-Front
9:10	A. Sarty (St. Marys)	Detailed studies of N* transitions using Recoil Polarization in Hall A
9:17	J. Comfort (ASU)	Exploring Non-resonant Backgrounds of the Delta(1232) with Polarized Photons
9:24	M. Manley (Kent)	Hyperon Spectroscopy
9:31	S. Stepanyan (JLab)	First data on DVCS at JLAB
9:38	E. Smith (JLab)	Electroproduction of Phi Mesons with CLAS
9:45	J. Price (UCLA)	Photoproduction of the doubly-strange Xi Hyperons
9:52	Open Discussion	

MONDAY, DEC. 4

AM	**<u>Education, Outreach, Infrastructure and the International Scene</u> (E. Hungerford, Chair)**	
9:00	K. de Jager (JLAB)	International Facilities (electromagnetic)
9:30	K. Seth (Northwestern)	International Facilities (hadron)
10:00	Discussion (US effort compared to international effort)	
10:30	Break	
	(R. Milner, Chair)	
10:50	R. Milner (MIT)	Education/Outreach and the role of Universities
11:10	L. Ware (JLab)	Education/Outreach and the role of Laboratories
11:40	Discussion (University infrastructure needs)	
12:10	Lunch	

PM	**<u>Discussion of Priorities and Recommendations</u> (C. Glasshauser, Chair)**
1:30	Presentation of recommendations/priorities draft
2:00	Discussion
4:00	Adjourn

<u>Poster Sessions</u> (CEBAF Center Atrium, Second Floor)

D. Peaslee (UMD)	Hadron Beams For Hadron Physics (I): PBARS
P. Pile (BNL)	Hadron Beams For Hadron Physics (IV): BNL Beam Line
M. Sadler (ACU)	Investigation of Isospin-1/2 Baryon Resonances with the Crystal Ball
H. M. Spinka (ANL)	Hadron Beams For Hadron Physics (II): Kaons
M. Mestayer (JLab)	Spin Transfer in Exclusive Hyperon Electroproduction
B. Berman (GWU)	Nuclear Physics with Short-Wavelength Probes

Appendix C

APS Division of Nuclear Physics Town Meeting

Organizing Committee and Participants List

Organizing Committee:

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DENNIS SKOPIK. LOCAL	JEFFERSON LAB
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LARRY CARDMAN	JEFFERSON LAB
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JOEO MOSS	LOS ALAMOS NATIONAL LAB
AL MUELLER	COLUMBIA UNIV
FRED MYHRER	UNIV OF SOUTH CAROLINA
PETER PAUL	SUNY AT STONY BROOK
BRIAN SEROT	IUCF
WERNER TORNOW/	DUKE UNIVERSITY
CALVIN HOWELL	

APS Town Meeting Participants List

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