

The 7th Workshop on Hadron Physics in China and Opportunities Worldwide

Monday 03 August 2015 - Friday 07 August 2015

Duke Kunshan University

Programme

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Monday 03 August 2015

General Overview:1 - Ballroom A, DKU Academic Building (09:00-10:15)

- Conveners: Prof. Gao, Haiyan

time	title	presenter
09:00	Welcome and Opening Remarks (00h15')	LIU, Jingnan (Duke Kunshan University) SIMON, Denis (Duke Kunshan University)
09:15	Future Facilities of HEP in China (00h30')	SHEN, Xiaoyan (Institute of High Energy Physics)
09:45	Nuclear Physics Researches on HIAF and CIADS facilities in China (00h30')	XIAO, Guoqing (Institute of Modern Physics)

Coffee Break - (10:15-10:40)

General Overview:2 - Ballroom A, DKU Academic Building (10:40-12:30)

- Conveners: Prof. Ji, Xiangdong (Shanghai Jiaotong University)

time	title	presenter
10:40	Overview of Hadron Physics in US (00h30')	QIU, Jianwei (Brookhaven National Lab)
11:10	US Nuclear Physics Long Range Plan (00h30')	MUELLER, Berndt (Brookhaven National Laboratory)
11:40	New Advances in Hadron Physics (00h30')	BRODSKY, Stanley J. (SLAC National Accelerator Laboratory)
12:10	Discussions (00h20')	

Lunch - Executive dining room, DKU Academic Building (12:30-14:00)

Talks from Labs/Programs - Ballroom A, DKU Academic Building (14:00-15:30)

- Conveners: Prof. Qiu, Jianwei (Brookhaven National Lab)

time	title	presenter
14:00	JLab Overview (00h30')	MCKEOWN, Robert (Jefferson Lab)
14:30	Recent Results from JLab Spin Experiments (00h30')	CHOI, Seonho (Seoul National University)
15:00	BEPCII/BESIII Program Overview (00h30')	SHEN, Xiaoyan (Institute of High Energy Physics)

Coffee Break - (15:30-16:00)

Talks from Labs/Programs and EIC - Ballroom A, DKU Academic Building (16:00-18:30)

- Conveners: Prof. Zhao, Zhengguo (USTC)

time	title	presenter
16:00	SoLID overview (00h30')	CHEN, Jian-ping (Jefferson Lab)

16:30	COMPASS TMD program (00h30')	CHANG, Wen-Chen (Institute of Physics, Academia Sinica)
17:00	EIC Plan in US (00h30')	DESHPANDE, Abhay (Stony Brook University)
17:30	EIC in China (00h30')	CHEN, Xurong (Institute of Modern Physics)
18:00	Discussions (00h30')	

Reception - DKU Academic Building Ballroom B (18:30-20:00)

Tuesday 04 August 2015

Spin and TMDs:1 - Ballroom A, DKU Academic Building (09:00-10:30)

- Conveners: Prof. Mueller, Berndt (Brookhaven National Laboratory)

time	title	presenter
09:00	The Spin of the Proton (00h30')	MA, Bo-Qiang (Peking University)
09:30	RHIC-Spin Overview (00h30')	SURROW, Bernd (Temple University)
10:00	Physics with the energy-momentum tensor (00h30')	CHEN, Xiang-Song (Huazhong University of Science and Technology)

Coffee Break - (10:30-10:50)

Spin and TMDs:2 - Ballroom A, DKU Academic Building (10:50-12:30)

- Conveners: Prof. Chen, Jian-ping (Jefferson Lab)

time	title	presenter
10:50	Theory Overview on TMDs (00h30')	YUAN, Feng (Lawrence Berkeley National Lab)
11:20	TMD Results/Program at JLab (00h30')	ALLADA, Kalyan (Massachusetts Institute of Technology)
11:50	SIDIS Results from Hall A (00h20')	YAN, Xuefei (Duke University)
12:10	Group Photo (00h20')	

Lunch - Executive dining room, DKU Academic Building (12:30-14:00)

Generalized Parton Distributions - Ballroom A, DKU Academic Building (14:00-15:30)

- Conveners: Prof. McKeown, Robert (Jefferson Lab)

time	title	presenter
14:00	GPD and Orbital Angular Momentum (00h30')	Ji, Xiangdong (Shanghai Jiaotong University)
14:30	JLab GPD Program (00h30')	SABATIE, Franck (CEA-Saclay)
15:00	COMPASS GPD program (00h30')	FERRERO, Andrea (CEA-Saclay/IRFU/SPhN)

Coffee Break - (15:30-16:00)

Hadron Spectroscopy and Structure - Ballroom A, DKU Academic Building (16:00-18:30)

- Conveners: Prof. Vanderhaeghen, Marc (University Mainz)

time	title	presenter
16:00	Theoretical Overview of New Hadron Exotics (00h30')	ZHAO, Qiang (Institute of High Energy Physics)
16:30	Spectroscopy Results from BESIII (00h30')	WANG, Dayong (Peking University)

17:00	Nucleon structure at low Q2 (00h30')	ZHU, Wei (East China Normal University)
17:30	Is there an off-shell pion and can it be used at JLab12? (00h30')	QIN, Sixue (Argonne National Laboratory)
18:00	A1n/d2n Measurements with JLab 12 GeV (00h20')	LIU, Jie (University of Virginia)

Dinner - DKU Academic Building Ballroom B (18:30-19:45)

Collaboration Discussions - DKU conference center Room 1103 (19:45-21:30)

Wednesday 05 August 2015

Search for BSM, Low Energy Test of SM:1 - Ballroom A, DKU Academic Building (09:00-10:30)

- Conveners: Prof. Liang, Zuo-tang (Shandong University)

time	title	presenter
09:00	The Future of Underground Lab in China (00h30')	YUE, Qian (Tsinghua University)
09:30	Dark Matter Search @ China (00h30')	LIU, Jianglai (Shanghai Jiao Tong University)
10:00	Hadron Probes for Fundamental Symmetries and Dark Gauge Bosons (00h30')	GAN, Liping (University of North Carolina Wilmington)

Coffee Break - (10:30-11:00)

Search for BSM, Low Energy Test of SM:2 - Ballroom A, DKU Academic Building (11:00-12:30)

- Conveners: Prof. Deshpande, Abhay (Stony Brook University)

time	title	presenter
11:00	PVDIS: 6 GeV Results and SoLID Program (00h30')	ZHENG, Xiaochao (University of Virginia)
11:30	QWeak Results and MOLLER program (00h30')	PITT, Mark (Virginia Tech)
12:00	Discussions (00h20')	

Lunch - Executive dining room, DKU Academic Building (12:30-14:00)

Instrumentation:1 - Ballroom A, DKU Academic Building (14:00-15:20)

- Conveners: Prof. Sarrow, Bernd (Temple University)

time	title	presenter
14:00	GEM Progress from USTC (00h20')	LIU, Jianbei (University of Science and Technology of China)
14:20	The R&D of Large Area GEM Foil (00h20')	LI, Xiaomei (China Institute of Atomic Energy)
14:40	GEM Progress from Tsinghua (00h20')	HUANG, Yan (Tsinghua University)
15:00	GEM Progress from Lanzhou (00h20')	ZHANG, Yi (Lanzhou University)

Coffee Break - (15:20-15:50)

Instrumentation:2 - Ballroom A, DKU Academic Building (15:50-18:35)

- Conveners: Prof. Xu, Nu (CCNU)

time	title	presenter
15:50	SoLID EM Calorimeter (00h20')	FENG, Cunfeng (Shandong University)
16:10	STAR EMCAL Upgrade (00h20')	ZHANG, Yifei (University of Science and Technology of China)

16:30	Conceptual design of SoLID-TOF and aging test (00h20')	WANG, Yi (Tsinghua University)
16:50	STAR iTPC Upgrade (00h20')	XU, Qinghua (Shandong University)
17:10	STAR Heavy Flavor Upgrade (00h20')	DONG, Xin (Lawrence Berkeley National Laboratory)
17:30	Study of GEM Detector Based on APV25 Readout Electronics at CIAE (00h20')	HU, Shouyang (China Institute of Atomic Energy)
17:50	Digitization System R&D for APV25 electronics (00h20')	LI, Xinglong (China Institute of Atomic Energy)
18:10	Discussions (00h20')	

Thursday 06 August 2015

Dibaryons and Hypertriton: Experiments - Ballroom A, DKU Academic Building (09:00-10:30)

- Conveners: Prof. Zou, Bingsong (IHEP, CAS)

time	title	presenter
09:00	Search for d^* dibaryon from WASA-at-COSY (00h30')	BASHKANOV, Mikhail (University of Tuebingen)
09:30	Searching for dibaryons with STAR data (00h30')	MA, Yugang (Shanghai Institute of Applied Physics)
10:00	Discussions on the Hypertriton Lifetime Puzzle from STAR data (00h30')	CHEN, Jinhui (Shanghai Institute of Applied Physics)

Coffee Break - (10:30-11:00)

Dibaryons: Theories - Ballroom A, DKU Academic Building (11:00-12:30)

- Conveners: Prof. Wang, Fan (Nanjing University)

time	title	presenter
11:00	To understand the structure of d^* (00h30')	HUANG, Fei (University of Chinese Academy of Sciences)
11:30	The dibaryon d^* in quark models (00h30')	PING, Jialun (Nanjing Normal University)
12:00	Theoretical study of the $d^*(2380)$ to $d \pi \pi$ decay width (00h30')	DONG, Yubing (Institute of High Energy Physics)

Lunch & Culture Exploration - Zhouzhuang Water Town (12:30-19:00)

Banquet - Lamborghini Hotel (19:00-21:00)

Friday 07 August 2015

Form Factors - Ballroom A, DKU Academic Building (09:00-10:45)

- Conveners: Prof. Ma, Bo-Qiang (Peking University)

time	title	presenter
09:00	Theoretical Review of Nucleon Form Factors (00h45')	VANDERHAEGHEN, Marc (Johannes Gutenberg University of Mainz)
09:45	Results on Meson Transition FFs in Space and Timelike Regions (00h30')	ADLARSON, Patrik (Johannes Gutenberg University of Mainz)
10:15	Hadron form factor and Collins effect at BESIII (00h30')	HUANG, Guangshun (University of Science and Technology of China)

Coffee Break - (10:45-11:00)

Proton Radius and Physics Possibility with Internal Target at BEPCII - Ballroom A, DKU Academic Building (11:00-13:00)

- Conveners: Prof. Li, Xue-Qian (Nankai University)

time	title	presenter
11:00	Proton Radius (00h30')	GAO, Haiyan (Duke Kunshan University and Duke University)
11:30	BEPCII Beam for Internal Target Experiments (00h30')	XU, Gang (Institute of High Energy Physics)
12:00	Possible Physics Program with Internal Targets at BEPCII (00h30')	LI, Haibo (Institute of High Energy Physics)
12:30	Discussions (00h20')	
12:50	Closing remark (00h10')	GAO, Haiyan (Duke Kunshan University and Duke University)

Lunch - Executive dining room, DKU Academic Building (13:00-14:00)