

# The 10th Workshop on Hadron physics in China and Opportunities Worldwide

Thursday 26 July 2018 – Monday 30 July 2018

Shandong University  
Programme

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## Thursday 26 July 2018

### Overview/Future - Wenhai Room (09:00-12:20)

- Conveners: Gao, Haiyan

time	title	presenter
09:00	Welcome (00h10')	TBD
09:10	HIAF program and center of nuclear research in Huizhou (00h40')	ZHAN, Wenlong
09:50	Overview of BESIII (00h40')	FANG, Shuangshi
10:30	Coffee break (00h20')	
10:50	Latest development in the plan for an EIC in China (EicC) (00h40')	XU, Nu
11:30	Progress of Super Tau Charm Facility in China (00h40')	ZHENG, Yangheng
12:10	Discussion (00h10')	

### Overview from worldwide laboratories - Wenhai Room (14:00-17:20)

- Conveners: Liang, Zuo-tang

time	title	presenter
14:00	Hadron:What lies within (00h40')	ROBERTS, Craig
14:40	JLab Overview (00h40')	CHEN, Jian-ping
15:20	Coffee break (00h20')	
15:40	Overview of Recent COMPASS Results and Future Plans (00h40')	IWATA, Takahiro
16:20	Recent results and future perspectives for hadron physics at Mainz (00h40')	DENIG, Achim
17:00	Discussion (00h20')	

## Friday 27 July 2018

### Nucleon Structure: Spin and TMDs - Wenhai Room (09:00-12:00)

- Conveners: Ma, Jianping

time	title	presenter
09:00	Spin program at JLab (00h30')	ZHENG, Xiaochao
09:30	Progress with the eRHIC Design (Remote) (00h30')	WILLEKE, Ferdinand
10:00	Nucleon 3-d structure study with SoLID (00h30')	YE, Zhihong
10:30	Coffee break (00h20')	
10:50	Transversity with di-hadron and single-hadron SIDIS in SoLID (00h40')	ZHANG, Jixie
11:30	Hybrid states in the framework of Dyson-Schwinger equations (00h30')	XU, Shusheng

### EIC and EIC in China : Special Session on EIC and EIC in China (EICC) - Wenhai Room (14:00-18:20)

- Conveners: Chen, Jian-ping

time	title	presenter
14:00	Current Status of the US EIC plan (00h20')	GAO, Haiyan
14:20	Discussion (00h10')	
14:30	EicC Accelerator Conceptual Design (00h20')	YANG, Jian-cheng
14:50	Discussion (00h10')	
15:00	Selected topics on TMD physics (00h20')	ZHOU, Jian
15:20	Discussion (00h10')	
15:30	Exotic Bottom Hadron at EicC (00h20')	GUO, Feng-Kun
15:50	Discussion (00h10')	
16:00	Coffee Break (00h20')	
16:20	Electro-weak physics at EicC (00h20')	ZHAO, Yuxiang
16:40	Discussion (00h10')	
16:50	DVCS at EicC (00h20')	FU, Qiang
17:10	Discussion (00h10')	
17:20	TMD at EicC (00h20')	YANG, Zhi
17:40	Discussion (00h10')	
17:50	General Discussion on EicC (00h30')	

### Discussions on Collaboration on JLab12/SoLID and EICC - Wenhai Room (20:00-22:00)

## Saturday 28 July 2018

### Recent experimental results and theory development - Wenhai Room (09:00-12:20)

- Conveners: Huang, Huanzhong

time	title	presenter
09:00	Proton Radius (PRad) experiment at JLab (00h30')	GAO, Haiyan
09:30	Test Confinement QCD and Search for New Physics via Light Meson Decays (00h30')	GAN, Liping
10:00	Short range correlation (00h30')	PIASETZKY, Eli
10:30	Coffee break (00h20')	
10:50	On the foundation of PDFs calculation (00h30')	MA, Yan-Qing
11:20	Hadron structure on the light-front (00h30')	ZHAO, Xingbo
11:50	Research of high precision time measurement electronics (00h30')	ZHAO, Lei

### Planned facilities/instrumentation - Wenhai Room (14:00-17:20)

- Conveners: Zou, Bingsong

time	title	presenter
14:00	Overview of SeaQuest/E1039 Polarized Fixed Target Drell-Yan Experiment at Fermi Lab (00h30')	LIU, Ming
14:30	Probing the Quark-Gluon Plasma: Science mission and status of sPHENIX at RHIC (00h30')	ROLAND, Gunther
15:00	Results from RHIC-Spin (00h30')	XU, Qinghua
15:30	Coffee break (00h20')	
15:50	Future Physics at STAR and towards EIC (00h30')	JIA, Jiangyong
16:20	Nuclear physics with Shanghai electron and photon beams (00h30')	CHEN, Jinhui
16:50	Theory talk on spin physics (Remote) (00h30')	TERYAEV, Oleg

## Sunday 29 July 2018

### Symmetry and Search for New Physics - Wenhai Room (09:00-12:20)

- Conveners: Liu, Ming

time	title	presenter
09:00	Current status and future prospects of J-PARC (00h30')	SAITO, Naohito
09:30	Results from QWeak (Remote) (00h30')	MACK, David
10:00	Towards the nEDM search at TRIUMF (00h30')	MATSUMIYA, Ryohei
10:30	Coffee break (00h20')	
10:50	Current status and prospects of CDEX and CJPL (00h30')	TIAN, Yang
11:20	Status and prospects of the JUNO experiment (00h30')	HAN, Ran
11:50	Search for New Physics at BESIII (00h30')	WANG, Dayong

### Instrumentation - Wenhai Room (14:00-17:50)

- Conveners: Mack, David

time	title	presenter
14:00	Evolution of MRPC time of flight system (00h30')	WANG, Yi
14:30	ECal R&D (00h30')	TIAN, Ye
15:00	R&D on uRWELL tracking detectors (00h30')	HONG, Daojin
15:30	Coffee break (00h20')	
15:50	GEM foil R&D at CIAE (00h30')	LI, Xiaomei
16:20	Process of GEM R&D in Lanzhou University (00h30')	WU, Huiyin
16:50	Progress of development of ultra-high timing TOF for SoLID (00h20')	YU, Yancheng
17:10	Deep learning technology used to reconstruct MRPC time (00h20')	WANG, Fuyue
17:30	Higgs results from ATLAS (00h20')	LI, Haifeng

# Monday 30 July 2018

## Hadron Spectroscopy - Wenhai Room (09:00-12:20)

- Conveners: Ma, Bo-Qiang

time	title	presenter
09:00	Hadron molecules from strangeness to charm and beauty (00h30')	ZOU, Bingsong
09:30	Program in Hall B/CLAS12 (00h30')	GUO, Lei
10:00	Recent progress on GlueX program at JLab Hall D (00h30')	ZHANG, Zhenyu
10:30	Coffee break (00h20')	
10:50	Latest results from LHCb on hadron spectroscopy (00h30')	LI, Pei-Rong
11:20	Recent results from BESIII (00h30')	LYU, Xiaorui
11:50	Theoretical Description of the $e^+ e^- \rightarrow \psi(2S) \pi^+ \pi^-$ (00h30')	MOLNAR, Daniel

Concluding Remarks - (12:20-12:50)

End of the workshop - (12:50-13:10)