

Workshop
on
Future Programme of Intensity Frontier of Particle Physics
at China's High Power Hadron Accelerators

September 8-10, 2018, Institute of Theoretical Physics, CAS

September 08, 2018 (Saturday)		Room 6620, ITP new building
08:30-09:00	Registration and coffee and tea	
09:00-10:10	Introduction Session chaired by 戴元本	
09:00-09:10	Workshop welcome	蔡荣根
09:10-09:40	对于应用“质子，强流，直线，超导”加速器生产核燃料的“698”方案的一点回顾	何祚庠
09:40-10:10	Workshop introduction and scope	李小源
10:10-10:30	Coffee and tea	
10:30-12:30	Session I chaired by 张宗烨	
10:30-11:10	Opportunity on Nuclear Research Center in Huizhou, China	詹文龙
11:10-11:50	High intensity ion beam production and acceleration	赵红卫
11:50-12:30	缪子产生新方法可能性的初步研究	杨磊
12:30-14:00	Lunch	
14:00-16:00	Session II chaired by 张焕乔	
14:00-14:40	Status and prospective of neutrino experiments	何苗
14:40-15:20	CSNS 进展与可能的基础物理研究	梁天骄
15:20-16:00	强度前沿的国际发展趋势和国内未来展望	唐靖宇
16:00-16:20	Coffee and tea	
16:20-18:20	Session III chaired by 张焕乔	
16:20-17:00	Search for muonic atom in heavy-ion collision	马余刚
17:00-17:40	北京ISOL项目与原子核稳定性极限探索	柳卫平
17:40-18:20	兰州低温高密核物质测量谱仪（CEE）的预研	肖志刚
18:20-20:00	Workshop dinner	

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September 9, 2018 (Sunday)		Room 6620, ITP new building
08:30-09:00	Registration and coffee and tea	
09:00-10:20	Session IV chaired by 沈文庆	
09:00-09:40	超冷中子物理前沿和强流散裂中子源	刘江来
09:40-10:20	Precision measurements and new physics searches with high-intensity neutrino oscillation facilities	唐健
10:20-10:40	Coffee and tea	
10:40-12:40	Session V chaired by 沈文庆	
10:40-11:20	Overview of Bounded Muon Physics	陈裕启
11:20-12:00	Charged Lepton Flavor Violation search on $\text{Mu}2e$ with high intensity proton source at Fermilab	尤郑昀
12:00-12:40	Search for muon to electron conversion at J-PARC	吴琛
12:40-14:00	Lunch	
14:00-15:20	Session VI chaired by 赵政国	
14:00-14:40	Muon anomalies	刘佐伟
14:40-15:20	The current and future implications of EDM measurements	舒菁
15:20-15:50	Coffee and tea	
15:50-17:50	Session VII chaired by 赵政国	
15:50-16:30	Towards neutrino CP violation in Long Baseline Neutrino Experiments	廖玮
16:30-17:10	Review of neutrino physics at neutrino factory and an outlook	刘纯
17:10-17:50	Target station for future high intensity muon beam based physics	袁野
17:50-18:30	基于CIADS和HIAF的未来缪子源及应用	鲍煜
18:30-20:00	dinner	

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September 10, 2018 (Monday) Room 6620, ITP new building

08:30-10:30 **Session VIII chaired by 王凡**

08:30-09:10 Introduction to XiPAF and CPHS projects of Tsinghua University 郑曙昕

09:10-09:50 2 GeV High Power Circular Accelerator Complex 安世忠

09:50-10:30 Beam Loss Analysis of a high-current proton SRF Linac based on
the SNS experiences 孙安

10:30-10:50 Coffee and tea

10:50-12:50 **Session IX chaired by 罗民兴**

10:50-11:30 Review of physics of $(g-2)_\mu$ 王凯

11:30-12:10 The status of Muon $g-2$ Experiment 李亮

12:10-12:50 Charged lepton flavor violation and structure and symmetry in neu-
tron and nuclear β decays 廖益

12:50-15:00 Lunch

15:00-17:40 **Working group Session chaired by 李小源**

17:40-19:00 dinner