

Schedule of the 2019 ITP Postdoctoral Symposium

2019 年理论物理所博士后学术论坛暨博士后年度考核交流会议日程

Conference Room 322 of North Building, ITP

Apr. 15th, 2019

8:40-10:10 Session I

Session Chair: Ze Zhao(赵泽)

8:40 -8:50 Opening

8:50-9:10 Yu Sang(桑语)

Stochastic gravitational wave background from reheating

9:10-9:30 Kai-Bao Chen(陈开宝)

Fracture Functions in Different Kinematic Regions and Their Factorizations

9:30-9:50 Ke Ren(任可)

Integrability in light-front QCD

9:50-10:10 Subrata Kumar Biswal

Consistent Skyrme parametrizations constrained by GW170817

10:10-10:30 Group photo & coffee break

10:30-12:10 Session II

Session Chair: Kelvin Titimbo

10:30-10:50 Xiao-Dong Bai(柏小东)

Rogue waves in a nonintegrable system -- dipolar Bose-Einstein condensates

10:50-11:10 Zhuo-Yu Xian(洗卓宇)

Wormhole and the Thermodynamic Arrow of Time

11:10-11:30 Xue Zhang(张雪)

Cosmological constraints on Hubble constant

11:30-11:50 Qing-Jun Jin(靳庆军)

New Hidden Relation of Higgs Amplitudes in Fundamental QCD

11:50-12:10 Qiang Li(李强)

The doubly heavy baryons with 1^{++} diquark cores

12:10-13:30 Lunch break

13:30-14:50 Session III

Session Chair: Geng Li(李耿)

13:30-13:50 Zhen-Yan Lu(陆振烟)

Effect of the chiral phase transition on axion mass and self-coupling

13:50-14:10 Jia-Hui Li(李佳慧)

Dissipative phase transition in the anisotropic quantum Rabi mode

14:10-14:30 Rui Han(韩蕊)

Reflection Asymmetry of Medium-Mass Nuclei

14:30-14:50 Somyadip Thakur

Entanglement from higher dimensional scattering

14:50-15:10 Coffee break

15:10-16:30 Session IV

Session Chair: Zhuo-Yu Xian(洗卓宇)

15:10-15:30 Yuxuan Peng(彭宇轩)

Some aspects of holographic complexity

15:30-15:50 Peng Zhao(赵鹏)

New Exact Results In Supersymmetric Gauge Theory

15:50-16:10 Long-Fei Guo(郭龙飞)

Exotic superfluid in a two-dimensional system of polar molecules

16:10-16:30 Kelvin Titimbo

Semiclassical dynamics of electrons in photodetachment microscopy

16:30-16:40 Coffee Break

16:40-18:00 Session V

Session Chair: Jia-Hui Li(李佳慧)

16:40-17:00 Teng Ma(马腾)

Natural electroweak symmetry breaking

17:00-17:20 Ze Zhao(赵泽)

Strong decays of baryons and mesons

17:20-17:40 Felipe Ferreira de Freitas

Exploring SMEFT in VH with Machine Learning

17:40-18:00 Geng Li(李耿)

Statistical inference model for brain learning