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## 学术活动

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## 理论物理及其交叉学科青年科学家论坛

2017-01-12 【大中小】【打印】【关闭】

理论物理及其交叉学科青年科学家论坛  
 主办单位：中国科学院理论物理研究所/中国科学院理论物理前沿重点实验室/彭桓武理论物理创新研究中心  
 时间：2017年1月12-14日  
 地点：理论物理所新楼6620

### Thursday Jan.12 2017

**Room:6620 Chairperson:Rong-Gen Cai**

- 08:30 Bingsong Zou Introduction into ITP
- 09:00 Bingnan Lu Nuclear structure from Nuclear Lattice Effective Field Theory  
Unconventional Surface Critical Behaviors Induced by Quantum
- 09:45 Long Zhang Phase Transition from Affleck-Kennedy-Lieb-Tasaki Phase to Neel Order
- 10:30 Break Break
- 10:45 Li Li Superconducting stripe phases in holography
- 11:30 Xiangyi Li A glimpse of the applications of physics methods in evolutionary biology
- 12:15 Lunch Break Lunch Break

**Room:6620 Chairperson:Shan-Gui Zhou**

- 14:00 Hongbao Zhang Dynamical phase transition of dark soliton in holographic superfluid
- 14:45 Youping Wan Higgs Bounce Inflation and the Electroweak Phase Gravitational Waves
- 15:30 Break Break
- 15:45 Weikai Qi Melting of Confined Colloidal Crystals: Topological Phase Transition and Geometrical Frustration
- 16:30 Liang He Nonequilibrium phenomena in driven-open condensates
- 17:15 Xubo Lin Partitioning of Linker for Activation of T-Cells in Lipid Rafts: Insights from Molecular Dynamics Simulations

### Friday Jan.13 2017

**Room:6620 Chairperson:Su Yi**

- Parada Tobel
- 08:30 Paraduan Nonperturbative Aspects of hadrons structure  
hutaaruk
- 09:15 Mauro Cirio Probing the ground state of light-matter systems in the ultra-strong coupling regime
- 10:00 Break Break
- 10:15 Yun-Long Zhang Properties of the Holographic EPR pair
- 11:00 Jordi Tura Recent developments on the detection of Bell correlations in  
Brugues many-body quantum systems
- 11:45 Lunch Break Lunch Break

**Room:6620 Chairperson:Jing Shu**

- 14:00 Chang Feng Recent measurements from POLARBEAR, CIBER, Planck and Fermi-LAT experiments
- 14:45 Xiaoquan Yu Statistical mechanics and dynamics of quantum vortices in two-dimensional superfluids
- 15:30 Break Break
- 15:45 Haiping Huang The simplest model of unsupervised feature learning
- 16:30 Pengwei Zhao Toward a unified description of the structure of nuclei
- 17:15 Peng Tan An improved method to identify local symmetries in crystalizing and glass-forming liquids

**Saturday Jan.14 2017**

**Room:6620 Chairperson:Hai-Jun Zhou**

- 08:30 Yunfeng Jiang Towards Solving Large-N Gauge Theories by Integrability
- 09:15 Song He R'enyi Entropy in 2D Liouville and Super-Liouville CFTs
- 10:00 Break Break
- 10:15 Sichun Sun Cosmology, Gravitational waves and Beyond
- 11:00 Tieyan Si Statistical cluster size fluctuation of Active Colloid particles

**Room:6520 Chairperson:Bing-Song Zou**

- 14:00 Informal Discussion with ITP faculties



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