



## 第十七届全国核物理大会

Thursday, 10 October 2019

S1: 核结构 - 科学会堂201 (08:30 - 10:10)

-Conveners: 杰 孟; 立升 耿

time	[id] title	presenter
08:30	[199] 原子核单粒子共振态及奇特性质的研究	Prof. LIU, Quan
08:50	[25] 原子核奇特转动结构的理论探索	Dr QI, Bin
09:10	[80] 奇奇核 $^{138}\text{Pm}$ 的高自旋态研究	潘, 昊楠
09:30	[88] 奇奇核 $\text{Br-74}$ 中可能存在的手征及摇摆现象的实验研究	郭, 睿巨
09:50	[106] 实验研究奇奇核 $^{74}\text{SAs}$ 的对称性自发破缺	Mr XIAO, Xiao

S1: 核结构 - 科学会堂201 (10:30 - 12:10)

-Conveners: 早春 高; Shouyu Wang

time	[id] title	presenter
10:30	[3] Shell-model study from light to heavy nuclei and a preliminary uncertainty investigation	Dr YUAN, Cenxi
10:50	[131] 奇A核 $^{119}\text{Sb}$ 中奇异运动模式的实验研究	Dr JIA, hui
11:10	[76] 原子核壳模型的研究与应用	Mr 贺, 冶秋
11:30	[86] 用AMD对不同核子-核子间相互作用势对原子核基态结合能的研究	Mr 王, 金成
11:50	[172] 基于我国大科学装置的在束谱学研究及其技术发展展望	吴, 晓光

S1: 核结构 - 科学会堂201 (13:30 - 15:30)

-Conveners: Cenxi YUAN; 峰 潘

time	[id] title	presenter
13:30	[66] Ab initio Gamow in-medium similarity renormalization group with resonance and continuum	Dr 胡, 柏山
13:50	[40] 利用多普勒位移法和中心位移法分别测量 $^{45}\text{Ti}$ 和 $^{105}\text{Pd}$ 的能级寿命	Dr 李, 广顺
14:10	[105] Variation approach for pair determination in nucleon pair approximation	Dr 雷, 杨
14:30	[85] 通过能级寿命测量研究 $^{76}\text{SBr}$ 的手征及八极关联效应	Mr 许, 文政
14:50	[48] Ab initio chiral three-body force in resonance and continuum	Mr 马, 远卓
15:10	[229] Systematic study of $\alpha$ -decay half-lives based on Gamow-like model with a screened electrostatic barrier	Mr CHENG, Jun-Hao

S1: 核结构 - 科学会堂201 (16:00 - 18:00)

-Conveners: 小红 周; 燕 李

time	[id] title	presenter
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16:00	[1] New ground-state band energy formula for transitional nuclei	Prof. SHEN, Shuifa
16:20	[73] Structural changes and lineshape investigation in 101Pd isotope	Dr ROHILLA, Aman
16:40	[4] Ab initio resonance and continuum Gamow shell model: applied to calcium isotopes up to beyond dripline	Dr LI, Jianguo
17:00	[49] Spectra, densities and reaction cross sections of drip-line nuclei with the Gamow Shell Model	Prof. MICHEL, Nicolas
17:20	[56] 缺中子核素 $^{219}\text{Su}$ 的 $\alpha$ 衰变精细结构研究	Mr 张, 明明
17:40	[70] 对超越平均场波函数进行变分的方法研究	高, 早春

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-Conveners: 景彬 陆; Hui Hua

time	[id] title	presenter
08:30	[138] 山东大学（威海）开展的核物理研究	Dr WANG, Shouyu
08:50	[72] Ba和Ce同位素中的集体运动实验研究进展	Dr 郭, 松
09:10	[95] Investigating $K^{\pi} = 2^{-}$ Band in $^{248}\text{Cf}$	Dr QIU, Yuan
09:30	[100] $^{81}\text{Kr}$ 奇A核中三准粒子转动带的实验研究	Ms MU, Lin
09:50	[91] T1同位素链中候选核的理论探索	陆, 晓

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-Conveners: Bingsong ZOU Bingsong; 善贵 周

time	[id] title	presenter
10:30	[197] New magicity $N=32$ and $34$ due to strong couplings between Dirac inversion partners	Prof. LONG, Wen Hui
10:50	[159] Shape transition with temperature of the pear-shaped nuclei in covariant density functional theory	Dr ZHANG, Wei
11:10	[104] Quasi-rotational bands observed in very neutron-rich odd-odd $^{64,66}\text{Mn}$ isotopes at $N \sim 40$	Dr DING, Bing
11:30	[162] Non-extensive solution to Cosmological Lithium problem	Dr HOU, Suqing
11:50	[51] Z=50附近奇质子核 $^{113}\text{In}$ 的高自旋态研究	王, 豪