

# PKU-CUSTIPEN mini-symposium on “Dynamics of nuclear decays and related topics”

October 31 --- November 2, 2013, 北京大学加速器楼 408

## 会议日程 (program)

Morning session, 31 Oct.		
Chair: Furong Xu		
9:30-9:35	Yanlin Ye (Peking U) (CUSTIPEN co-Director)	Welcome address
9:35-9:50	Conference Photo	
Chair: Xiaohong Zhou		
9:50-10:40 40' talk + 10' discussion	K. Neergard	Pairing theory of the Wigner energy
10:40-11:00	Tea/Coffee break	
Chair: K. Neergard		
11:00-11:50 40' talk + 10' discussion	Yuhu Zhang (Lanzhou, Institute of Modern Physics, CAS)	Mass measurement of short-lived nuclides in CSRe
12:00	Lunch	
Afternoon session, 31 Oct.		
Chair: Lianrong Dai		
2:00-2:50 40' talk + 10' discussion	Yongshou chen (China Institute of Atomic Energy)	Description of nuclear triaxial rotation in the frame work of shell model
2:50-3:25 30' talk + 5' discussion	Junchen Pei (Peking U.)	The Deformed Coordinate-space HFB approach and applications
3:25-3:45	Tea/Coffee break	
Chair: Yongshou Chen		
3:45-4:20 30' talk + 5'	Jianjun He (Lanzhou, IMP)	Research Progress in low-energy nuclear astrophysics in Lanzhou
4:20-4:55 30' talk + 5'	Yongde Fang (Lanzhou, IMP)	High-spin spectroscopy of transitional nuclei in A~190: The shape-driving effects of the odd nucleons

4:55-5:20 20' talk + 5'	Guanjie Fu (Shanghai Jiaotong U)	Local mass relations of atomic nuclei
5:20-5:45 20' talk + 5'	Zhenxiang Xu (Peking U)	Monte Carlo method in complex energy plane
6:00	Dinner	
Morning session, 1 November		
Chair: Yuhu Zhang		
9:00-9:50 40' talk + 10'	Furong Xu (Peking U)	Configuration-constrained total-Routhian-surface model
9:50-10:25 30' talk + 5'	Zaochun Gao (CIAE)	Spectroscopic Factors in the Projected Shell Model
10:25-10:55	Tea/Coffee break	
Chair: Junchen Pei		
10:55-11:30 30' talk + 5'	H. Watanabe (RIKEN)	Shape transitions and isomers in neutron-rich Pd isotopes
11:30-12:05 30' talk + 5'	Minliang Liu (Lanzhou, IMP)	Classification of p-n interaction elements: Effect on nuclear collective rotation
12:05	Lunch	
Afternoon session, 1 November		
Excursion (2 PM - 5 PM)		
6:00	Conference Dinner	
Morning session, 2 November		
Chair: Hui Hua		
9:00-9:35 30' talk + 5'	Lianrong Dai (Dalian Normal U)	Alternative characterization in the Interacting Boson Model and its application to X(5) nuclei
9:35-10:10 30' talk + 5'	Xiaotao He (NUAA)	Rotational spectra in transfermium nuclei
10:10-10:30	Tea/Coffee break	
Chair: Jianjun He		
10:30-11:05 30' talk + 5'	Hui Hua (Peking U)	Beta decay studies at Peking University
10:05-11:30 20' talk + 5'	Yinu Zhang (Peking U.)	Deformed halos and continuum effects
11:30-11:55 20' talk + 5'	Guoxiang Dong (Peking U)	Collectivity of neutron-rich Mg isotopes
12:00	lunch	