

# Mini-Workshop on Nuclear Clustering (MWNC2016)

## Agenda

Room 408, Accelerator Building, Peking University

2<sup>nd</sup> July (Saturday)

Morning 2 <sup>nd</sup> July		
Time	Speakers	Titles
<b>Chair: Yan-Lin Ye</b> (Peking University)		
9:00-9:10		Welcome address
9:10-9:50 (30'+10')	Taiichi Yamada (Kanto Gakuin University)	Alpha Cluster States and Monopole Excitations in Light Nuclei
9:50-10:30 (30'+10')	Makoto Ito (Kansai University)	Spatial size of the inelastic scattering and radii of excited states
10:30-10:50 (20')	<b>Break &amp; Photo taken</b>	
<b>Chair: Dan-Yang Pang</b> (Beihang University)		
10:50-11:30 (30'+10')	Tomoyuki Baba (Hokkaido University)	Structure and decay pattern of linear-chain states in C isotopes
11:30-11:50 (15'+5')	Jian-Ling Lou (Peking University)	Study of 3 alpha linear-chain structure in higher excited states of <sup>16</sup> C
11:50-12:10 (15'+5')	Jing Li (Peking University)	$\alpha$ -decay measurements of excited states in <sup>14</sup> C
12:10-12:30 (15'+5')	Jun Feng (Peking University)	Proposal of cluster-decay experiment for at CIAE
12:30-14:00 (1hr 30')	<b>Lunch</b>	
Afternoon 2 <sup>nd</sup> July		
<b>Chair: Hui-Ming Jia</b> (China Institute of Atomic Energy)		
Time	Speakers	Titles
14:00-14:40 (30'+10')	Masaaki Kimura (Hokkaido University)	Proving asymmetric clusters using isoscalar monopole/dipole transitions
14:40-15:20 (30'+10')	Yasuro Funaki (Beihang University)	Gaslike clusters in light nuclei
15:20-15:40	<b>Break</b>	

(20')		
<b>Chair: Makoto Ito</b> (Kansai University)		
15:40-16:20 (30'+10')	Takahiro Kawabata (Kyoto University)	$^8\text{Be}$ emission from $^{24}\text{Mg}$ excited by alpha inelastic scattering
16:20-17:00 (30'+10')	Yohei Chiba (Hokkaido University)	Asymmetric clustering in $^{28}\text{Si}$ probed by isoscalar monopole and dipole transitions
17:00-17:20 (15'+5')	Qiang Liu (Peking University)	Experimental studies of cluster structure in $^{16}\text{O}$
17:20-17:40 (15'+5')	Biao Yang (Peking University)	Experimental proposal for $\alpha$ -clustering in $^{18}\text{O}$
18:00	<b>Banquet</b>	

### 3<sup>rd</sup> July (Sunday)

<b>Morning 3<sup>rd</sup> July</b>		
<b>Chair: Taiichi Yamada</b> (Kanto Gakuin University)		
Time	Speakers	Titles
9:00-9:40 (30'+10')	Wataru Horiuchi (Hokkaido University)	Nuclear responses and weakly-bound neutrons in $^6\text{He}$
9:40-10:20 (30'+10')	Zai-Hong Yang (RIKEN)	Study on the Dineutron Correlation in $^8\text{He}$
10:20-10:45 (20'+5')	Fei Lu (SINAP, CAS)	Study of two-proton structure of $^{17}\text{Ne}$
10:45-11:00 (15')	<b>Break</b>	
<b>Chair: Masaaki Kimura</b> (Hokkaido University)		
11:00-11:25 (20'+5')	Qi-Te Li (Peking University)	PKU Active Target TPC for Cluster Studies
11:25-11:50 (20'+5')	Meng-Jiao Lyu (Nanjing University)	Investigation of Be isotopes and their cluster dynamics with the non-localized clustering approach
11:50-12:10 (15'+5')	Wei Jiang (Peking University)	$\alpha$ -decaying states in $^{10}\text{Be}$ populated in the $^9\text{Be}(^9\text{Be}, ^{10}\text{Be})$ $^8\text{Be}$ reaction
12:10-14:00 (1hr 50')	<b>Lunch</b>	

Afternoon 3 <sup>rd</sup> July		
Chair:Hui Hua (Peking University)		
Time	Speakers	Titles
14:00-14:25 (20'+5')	Jian-Song Wang (IMP, CAS)	Study of Nuclear Clustering at RIBLL
14:25-14:50 (20'+5')	Chang Xu (Nanjing University)	Nuclear symmetry energy constrained by cluster radioactivity
14:50-15:30 (30'+10')	Chuan Xu (Peking University)	$\gamma$ -Decay experiments at Peking University
15:30-15:40 (10')	<b>Break</b>	
Chair: Tao-Feng Wang (Beihang University)		
15:40-16:05 (20'+5')	Gao-Long Zhang (Beihang University)	Study of fusion reaction for weakly bound nuclei
16:05-16:30 (20'+5')	Jie Chen (Peking University)	Spectroscopic Study of the Intruder S-wave in $^{12}\text{Be}$ via Transfer Reaction
16:30-16:40 (10')	<b>Break</b>	
16:40-17:50 (1hr10')	<b>Discussions</b>	
18:00	<b>Dinner</b>	