

# Workshop on Nuclear Cluster Physics (WNCP2017)

Centennial Hall, Hokkaido University, Sapporo, Japan

October 25th-27th, 2017

URL: <http://nucl.sci.hokudai.ac.jp/tnpl/wncp/>

## 2nd circular

### General information

We are pleased to announce the international workshop on Nuclear Cluster Physics (WNCP2017) which will be held at Hokkaido University, Sapporo, Japan on October 25th to 27th, 2017. The series of the workshop aims to discuss recent discoveries and developments related to the nuclear cluster physics. Updated information is given in this circular.

### Conference site

The conference site is the Centennial Hall (<https://goo.gl/SyLLxM>) in the campus of Hokkaido University. Sapporo is one of the major cities in Japan. Many domestic and international flights connect to the New-Chitose airport. For the access from the airport to the University, please visit: <http://nucl.sci.hokudai.ac.jp/tnpl/wncp/venue/>

### Topics of the workshop

1. Cluster structure in stable and unstable nuclei
2. Clustering aspects of nuclear reactions and resonances
3. Alpha condensates, di-neutron correlation, and halo structure in nuclei
4. Clusters in nuclear astrophysics
5. Ab initio approaches to nuclear clustering
6. Cluster structure in strangeness nuclear physics

### Related events

#### Review session

In the last session of the workshop, selected speakers will make their presentations to overview the 60yrs research history of the nuclear physics lab. in Hokkaido University.

#### Party to celebrate Prof. K. Kato

We will have a party to celebrate the 70-years-old of Professor Kiyoshi Kato. This will be an opportunity to look back his scientific achievements and contributions to the nuclear physics, and of course, to wish him many happy returns.

The party will start from 19:00 on Friday at KEIO Plaza Hotel Sapporo, and the entrance fee will be 8,000 yen. Please fill the registration form below to attend it. We will welcome your participation.

## Registration and abstract submission

### Abstract submission Open

Please send an email to [wncp@nucl.sci.hokudai.ac.jp](mailto:wncp@nucl.sci.hokudai.ac.jp) with a title and a short abstract (within 200 words) of your talk no later than the deadline: **25 August 2017**.

The scientific program will be notified by the second half of September 2017

### Registration Open

Please fill the following form and email to the workshop address: [wncp@nucl.sci.hokudai.ac.jp](mailto:wncp@nucl.sci.hokudai.ac.jp) by **11 October 2017**.

1. Your name:
2. Your Institution:
3. Attendance to the workshop banquet (Evening of 26 October): Yes/No
4. Attendance to the party for Prof. Kato (Evening of 27 October, entry fee 8,000 yen): Yes/No
5. Number of accompanying persons:

## Banquet and Registration fee

Full registration: 7,000 yen (Accompanying person 5,000 yen)

Student registration: 5,000 yen

Registration fee includes banquet on the second day. The fee can be paid only in cash at the on-site registration desk.

## Invited speakers (\* to be confirmed)

Rajdeep Chatterjee (Indian Inst. of Tech. Roorkee, India)

Yohei Chiba (Hokkaido U., Japan)

Pierre Descouvemont (ULB, Belgium)

Takenori Furumoto (Yokohama National U., Japan)

Wataru Horiuchi (Hokkaido U., Japan)

Takatoshi Ichikawa (CNS Tokyo U., Japan)

Yuma Kikuchi (Osaka City U., Japan)

Takashi Nakamura (TITech, Japan)

Takaharu Otsuka (RIKEN, Japan)

Zhongzhou Ren (Nanjing U., China)

\*Gerd Roepke (U. of Rostock, Germany)

Peter Schuck (IPN Orsay, France)

Tadahiro Suhara (National Inst. Tech., Matsue College, Japan)

Miho Tsumura (Kyoto U., Japan)

Andrea Vitturi (Padova U., Italy)

Chang Xu (Nanjing U., China)

Hidetoshi Yamaguchi (CNS, Tokyo U., Japan)

Zaihong Yang (RIKEN, Japan)

Yanlin Ye (Peking U., China)

## Organizers

Taiichi Yamada (Kanto Gakuin U.), Yasuro Funaki (Beihang U.), Masaaki Kimura (Hokkaido U.), Wataru Horiuchi (Hokkaido U.), Bo Zhou (Hokkaido U.), Masatoshi Itoh (Tohoku U.), Yoshiko Kanada-En'yo (Kyoto U.), Naoyuki Itagaki (YITP, Kyoto U.), Takahiro Kawabata (Kyoto U.), Takayuki Myo (Osaka Institute of Technology), Makoto Ito (Kansai U.)