

**3rd International Workshop on
"State of the Art in Nuclear Cluster Physics"
SOTANCP3**

**KGU Kannai Media Center, Yokohama, Japan
May 26-30, 2014**

URL: <http://kguramo.kanto-gakuin.ac.jp/sotancp3/>

First circular

General information

We are pleased to announce that the third international workshop on "State of the Art in Nuclear Cluster Physics" will be held at the [KGU \(Kanto Gakuin University\) Kannai Media Center](#), Yokohama, Japan, during May 26-30, 2014. The first workshop of the series was held in [Strasbourg in 2008](#) and the second one was in [Brussels in 2010](#). After these two successful workshops, we hope to discuss the present status and future perspectives of the nuclear cluster physics.

Conference site

The conference site is [KGU \(Kanto Gakuin University\) Kannai Media Center](#), which is located on the 8th floor of Yokohama Media Business Center (YMBC), Yokohama, Japan.

Yokohama is the second largest city in Japan, about 25 km southeast of Tokyo. The detailed access information will be announced in the second circular, which will appear in December.

Topics of the workshop

1. Cluster structures and many-body correlations in stable and unstable nuclei
2. Clustering aspects of nuclear reactions and resonances
3. Alpha condensates and analogy with condensed matter approaches

4. Role of tensor force in cluster physics and ab initio approaches
5. Clustering in hypernuclei
6. Nuclear fission, superheavy nuclei, and cluster decay
7. Cluster physics and nuclear astrophysics
8. Clustering in nuclear matter and neutron stars
9. Clustering in hadron and atomic physics

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Registration, accommodation and abstract submission

The detail information of the registration fee, accommodation, and abstract submission will be announced in the second circular, which will appear in December.

Please check the latest information at our [web site](#).

Proceedings

The proceedings will be published from [IOP](#).