



Hotel Galvez & Spa, Galveston, Texas, USA
May 13-18, 2018

First Circular

Workshop website: <http://cyclotron.tamu.edu/sotancp4>
Workshop email: sotancp4@comp.tamu.edu

General Information

We are pleased to announce the fourth international workshop on “State of the Art in Nuclear Cluster Physics”. It will be held at the Hotel Galvez & Spa, a Wyndham Grand Hotel in Galveston, Texas, USA, during **May 13-18, 2018**. The previous workshops of the series were held in Strasbourg (2008), Brussels (2010), and Yokohama (2014). The workshop series is dedicated to review the present status and to discuss future prospects of nuclear cluster physics.

Topics of the workshop

- Cluster structure and many-body correlations in stable and unstable nuclei.
- Clustering aspects of nuclear reactions and resonances
- Alpha condensate and analogy with condensed matter approaches
- Role of tensor force in cluster physics and *ab initio* approaches
- Clustering in hypernuclei
- Nuclear fission, superheavy nuclei, and cluster decay
- Cluster physics and nuclear astrophysics
- Clustering in nuclear matter and neutron stars
- Clustering in hadron and atomic physics

Workshop site

The Wyndham Galvez & Spa is a gorgeous hotel with more than 100 years of history, old world styling and upscale modern amenities. It is located in Galveston, an island city on the Gulf Coast of Texas, USA. Galveston is known for beaches, parks, restaurants and attractions like Moody Gardens and Historic Pleasure Pier. The nearest major airport is George Bush Intercontinental airport (IAH) in Houston, which is about 110 km away from Galveston. Transportation services for workshop participants between IAH and Hotel Galvez will be provided. Details will be discussed in the next circulars.

Accommodation

A limited number of rooms have been reserved in Hotel Galvez & Spa for participants of the workshop. The rate for a single room is \$99/day, and for a double room it is \$129/day. Galveston has many other hotels to offer in close proximity to Hotel Galvez with wide range of pricing. More details will be provided in the second circular.

Registration and Abstract submission

Abstract submission and early registration opens on December 15, 2017. Please use the workshop website <http://cyclotron.tamu.edu/sotancp4>.

Proceedings

The proceedings will be published in AIP Conference Proceedings.

International Advisory Committee

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