



# ECOLE INTERNATIONALE JOLIOT-CURIE

## Neutrons and Nuclei

28 Sept. - 03 Oct. 2014



e-mail : [ejc2014@sciencesconf.org](mailto:ejc2014@sciencesconf.org)

website: <http://ejc2014.sciencesconf.org>

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The advent or the upgrade of European neutron facilities opens up new avenues for neutron-induced reaction studies that play a major role in many fundamental and applied physics fields. In this context, this year's edition of the Ecole Joliot Curie entitled:

### **“Neutrons and Nuclei”**

will be devoted to the interaction of neutrons with nuclei. Starting from the properties of the neutron, the school will then cover experimental aspects related to cross-section measurements, neutron production and detection, as well as theoretical aspects for describing neutron-induced reactions. The school will also address the structure of neutron-rich nuclei and the role of neutron-induced reactions in astrophysics and reactor physics.

The school will take place from September 28<sup>th</sup> to October 3<sup>th</sup> 2014 and will be held at La villa Clythia, Frejus, (near Nice) in the south of France.

<http://www.caes.cnrs.fr/vacances/nos-villages/la-villa-clythia>

Participants are expected to arrive in **La Villa Clythia** on Sunday, 28<sup>th</sup> September 2014 in mid afternoon and leave on Friday 3<sup>th</sup> October 2014 after lunch.

During the school, two sessions will be dedicated to the student's posters.

**Pre-registration will be possible from March 10<sup>th</sup> to April 25<sup>th</sup> 2014 on the school web site.**

The attendance being limited to 70, a selection of participants, if necessary, will be made at the end of the pre-registration period. Each applicant will receive an e-mail on behalf of the Organizing Committee about their acceptance before May 9<sup>nd</sup> 2014. Financial support can be attributed to participants.

More details about the school can be found on our website: <http://ejc2014.sciencesconf.org>

The Organizing Committee