

# Recent experimental studies and results in the field of light hypernuclei

*Alessandro Feliciello*

Istituto Nazionale di Fisica Nucleare - Sezione di Torino

Via P. Giuria 1, 10125 Torino, Italy

Alessandro.Feliciello@to.infn.it

In the last decade the hypernuclear physics Community was committed in carrying on several third-generation experiments. Large data sample were collected on specific items, thanks to dedicated facilities and experimental apparatuses.

The attention was focused on both high-resolution spectroscopy and decay modes of single  $\Lambda$ -hypernuclei.

Nowadays this phase is over but, until recently, important and to some extent unexpected results were obtained. Among the others, the claim for the first observation of the neutron-rich hypernucleus  ${}^6_{\Lambda}\text{H}$  and the first experimental evidence of the hypernucleus two-nucleon induced weak decay attracted strong interest.