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## Precision spectroscopy of pionic atoms and chiral symmetry in nuclei

Monday, 6 June 2016 10:00 (0:30)

## Collaboration

piAF

## **Abstract content**

Precision spectroscopy of deeply bound pionic atoms with relatively heavy nuclei is known to provide information on the partial restoration of the chiral symmetry in nuclear medium. We have conducted a series of experimental spectroscopy of pionic atoms with unprecedented precision by using  $(d, ^3\text{He})$  reactions on tin isotopes. Recent analysis results are reported in the presentation.

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