

Nuclear chirality as a part of nuclear physics

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Nuclear chirality, a phenomenon known for only 27 years, is being found in more and more different nuclei, around 60 isotopes found to date. Nuclear chirality can occur in the excited state when the nuclei is triaxially deformed.

In this seminar, I will show why and how we examine excited states in nuclei, what is the nuclear chirality, and how it can be found. I will also show the final results of the experiment performed in July 2022 at Heavy Ion Laboratory in Warsaw and state the most important outcomes.

Presenter(s) : NAŁĘCZ-JAWECKI, Adam (NCBJ)