

## **Measurements of 10 ps lifetime of $10^+$ state in $^{128}\text{Cs}$ – experiment and analysis.**

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In July 2022 an experiment on  $^{128}\text{Cs}$  was performed. Last year I told about preparing for the experiment in nuclear physics. This year I'll tell you how to perform analysis of it. That includes calibration of the detectors, overcoming expected and unexpected problems and some simulations.

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