

## **New possible investigation on strong interaction with kaonic atoms: the nuclear E2 resonance effect**

*Friday, 8 April 2022 10:05 (20 minutes)*

In hadronic atoms with ticklish nuclei, when atomic de-excitation energy is closely matched by nuclear excitation energy, a resonance condition occurs, which produces an attenuation of some of the atomic x-ray lines from a resonant versus a normal isotope target. Such effect is called the nuclear E2 resonance effect and allows the investigation of strong kaon-nucleus interaction and nuclear surface.

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