
Embedding nuclear physics inside the unitary-limit window

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Résumé

The two-body scattering lengths in nuclear physics are (much) larger than the typical interaction length which is given by the inverse of the pion mass; this natural fine-tuning places nuclear physics inside the universality window of Efimov physics. In this talk, I'll give a brief introduction to Efimov physics and I'll show to which extent it is a good spot to observe and to understand the nature of the spectrum of light nuclei.

Mots-Clés: Efimov Physics, Universality. Few Body physics

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