

# **NN short-ranged correlations: From Theory to Experiment in 65 Years**

*lundi 13 septembre 2021 14:00 (1 heure)*

The physics of short-ranged correlations is reviewed from a pedagogical standpoint that is aimed to provide background sufficient for students to do research in the field. The lectures discuss:

- 1) how the earliest efforts allowed physicists to understand the qualitative features of nuclear binding and saturation.
- 2) the technical improvements, including relativistic effects
- 3) short-range correlations in the context of effective field theory
- 4) recent experimental findings related to short range correlations
- 5) future prospects

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**Classification de Session:** Lectures