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Strongly Coupled Composite Dark Matter

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Models of composite dark matter, originating from a new strongly coupled dark sector, have a very interesting phenomenology.

To make robust predictions in these models one often needs to investigate non-perturbative effects due to the strong self interactions.

Lattice field theory methods and numerical simulations are well suited for this task and contribute to a solid uncertainty quantification.

In this talk I review recent works in this direction, comparing lattice results for composite dark matter interactions to experimental bounds.

Author: Dr RINALDI, Enrico (LLNL)

Presenter: Dr RINALDI, Enrico (LLNL)

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