

Landscapes of integrable long-range spin chains

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I will give an overview of the recent advances in understanding long-range integrable spin chains, focusing on a general construction that yields $(q-)$ deformations of known models based on a solution of a Yang-Baxter equation. Even for the simplest sl_2 -case, this construction generates two, mostly disconnected landscapes of models, with many intriguing properties. I will highlight those I believe to be most interesting to the IDD audience. based on <https://arxiv.org/abs/2306.13066> and [arxiv:2405.xxxxx](https://arxiv.org/abs/2405.xxxxx) (expected to appear before May 15th), both with Jules Lamers.

Primary author: KLABBERS, Rob

Presenter: KLABBERS, Rob