## Recent Progress in Many-Body Theories (RPMBT22)



Contribution ID: 73 Type: Invited oral

## Tensor networks and new classical heuristics

Wednesday, 25 September 2024 10:55 (30)

## I will discuss

- (i) some recent progress to improve the expressivity of tensor networks
- (ii) the rate of convergence of tensor network calculations and the error dependence of this classical heuristics
- (iii) some new classical algorithms for many-body systems motivated by noisy quantum simulation.

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Session Classification: Session