

Project Title:

“Exploring the physics of nuclear matter and ultra-cold gases”

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My project theoretically investigates the physics of nuclear matter and ultra-cold gases at the few-body and many-body level, in situations where Efimov physics play an important role.

Last year I performed six-body calculations by an approximate Monte-Carlo method which could be performed on a regular PC.

However, this year I am planning to perform six-body calculations with a more accurate method that may require to use RICC resources.