

Jour Fixe

NJ, SS, WFP, kHz

NJ

- Theory for thesis. (Bloch-Band, Lamb-Dicke)

WFP

- Simulations going on.
- Implementation of boltzmann distribution very slow in matlab
 - Move to python? → Yes, is faster
 - Rely as much on external libraries as possible! (E.g. the boltzman distribution: `scipy.stats.boltzmann`)
 - This will prevent you “reinventing the wheel” all the time over again and is in principle also optimized to run faster than any own implementation

SS

- Noise simulation: Found answers to open questions arising from the discussion with NJ and WFP

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