

## **Simulation of the vacuum and matter in a femto-box ~ 10 reasons (not) to believe lattice QCD**

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Lattice Quantum Chromodynamics (LQCD) is the only tool to perform non-perturbative calculation of QCD in a theoretically well-controlled manner. There have been many quantities successfully calculated, e.g. from the QCD vacuum structure to hadron properties. The fundamental parameters of QCD are now determined with LQCD, and the precision is further improving. But, from non-experts it may be viewed as a magic black box that produces some (random?) numbers. I'll try to convince the customers to believe those calculations (and sometimes not to).