

First QCD+QED simulations with C^* boundary conditions

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For the first time the openQD code was used to generate fully dynamical $N_f=1+2+1$ QCD+QED configurations with C boundary conditions and degenerate down and strange quarks at an unphysical value of the electromagnetic coupling $\alpha=0.04$. In this talk, technical details about the generation, will be presented. In particular the stability of the algorithm, diagnostic observables and neutral and charged meson masses will be discussed. Furthermore the chosen tuning strategy will be shortly presented.

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