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## First QCD+QED simulations with C\* boundary conditions

Wednesday, 5 August 2020 15:20 (20 minutes)

For the first time the openQD code was used to generate fully dynamical Nf=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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