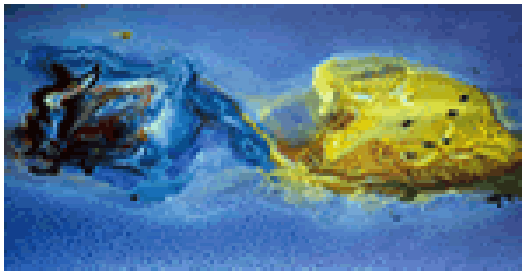

Contribution ID: **128** Type: **Invited plenary talk**

Double beta decay, low energy hadron physics, neutron EDM: results from Lattice QCD

Monday 6 August 2018 10:00 (30 minutes)

Lattice QCD is currently our only reliable tool for calculating low-energy nuclear physics observables directly from the Standard Model. It is thus a crucial bridge between high-energy beyond the Standard Model (BSM) matrix elements and precision nuclear experiments looking for these rare BSM signals. In this talk, I will discuss recent lattice QCD results relevant for nuclear BSM searches, including general advancements in applications of lattice QCD to nuclear physics.

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Session Classification: Plenary

Track Classification: E: QCD and New Physics