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## **Towards the QED limits**

Friday, 31 January 2020 09:00 (25 minutes)

we consider a few options to access the ultimate QED limit of matter in the strong electro-magnetic field, when  $xi \ \lambda = 1/137$  is the fine-structure constant and xi is the nonlinear quantum parameter.

This regime of fully non-perturbative QED has long been assumed to be not accessible experimentally. Yet, the progress in laser technology and particle accelerators may bring this regime within experimental reach.

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