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## Origins of the Proton Mass

*Friday 3 December 2021 08:30 (30 minutes)*

The proton, and its isospin partner the neutron, are the building blocks of the visible universe and are responsible for almost the entirety of its mass. While the total mass of the proton is precisely known, the decomposition of this mass into its quark and gluon components touches upon some of the deepest mysteries in QCD. This talk will review this topic, discuss some of the recent theory progress, and explore possibilities for experiment.

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