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## Public lecture: QCD: The Glory and The Power

*Tuesday, 27 July 2021 12:00 (1 hour)*

Physics colloquium-level lecture on QCD, webcast publicly

Title: QCD: The Glory and The Power

Abstract: After a brief oration in praise of the ideal mathematical beauty of QCD and its imposing experimental success, I will describe several of its ongoing and future applications at the frontiers of knowledge. These are the frontier of precision (muon  $g - 2$ ), the frontier of high temperature and density (heavy ion collisions), the frontier of late stellar evolution (supernovae and neutron stars), and the frontier of theoretical adventure (axions and dark matter).

**Presenter:** Prof. WILCZEK, Frank (Massachusetts Institute of Technology)