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## Chiral effective field theory for few- and many-nucleon systems

*Thursday 2 August 2018 15:00 (30 minutes)*

Chiral effective field theory has been developed into a reliable, quantitative approach to low-energy few- and many-nucleon systems. I will review the current status of nuclear forces in this framework and discuss selected applications to light nuclei and nuclear matter. Special emphasis will be given to uncertainty quantification.

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