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## Getting to grips with hadronic uncertainties in kaon physics and in $(g-2)_\mu$

*Saturday, July 8, 2017 9:00 AM (30 minutes)*

Being able to predict a small set of hadronic observables precisely and more importantly reliably in lattice QCD has been a big achievement (see Flavour Lattice Averaging Group review). Decreasing the precision below the %-level and increasing the set of numbers for which predictions can be made is challenging but exciting. This talk will highlight recent conceptual progress on hadronic contributions to the muon  $g-2$  and on long distance effects for kaons (mixing and rare decays).

### Experimental Collaboration

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**Session Classification:** Flavour and symmetries

**Track Classification:** Flavour Physics and Fundamental Symmetries