

Summer Institute 2019: Flavour anomalies in B decays, light dark matter  
from hidden sectors and lepton dipole moments

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## Effective field theories for lepton dipole moments: updates and applications

*Tuesday, 25 June 2019 14:30 (1 hour)*

The status of the research on effective field theories for lepton dipole moments will be reviewed. Standard Model Effective Field Theories (SMEFTs) at high and low energies will be reviewed in light of current and future bounds from experiments on lepton flavour violation. In addition, some modern techniques for multi-loop computations in SMEFTs will be reviewed and applications to ultra-violet complete theories will be shown

**Presenter:** PRUNA , Giovanni Marco (Roma 3)