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Type: **Invited Speaker / Conférencier invité**

## Electroweak Precision Measurements

*Tuesday, 30 May 2017 11:30 (30 minutes)*

Precision measurements are testing the Standard Model of Particle Physics with increasing accuracy. This allows to constrain new physics beyond the Standard Model and access very high energy scales, often beyond those studied at the highest energy colliders such as the LHC. It will be described how the masses of the top quark and the Higgs boson were predicted before their discoveries, and how experiments at lower energies play an increasingly important role.

**Presenter:** ERLER, Jens (IF-UNAM)

**Session Classification:** T2-3 Testing Fundamental Symmetries I (DTP/PPD/DNP) | Tests de symétries fondamentales I (DPT/PPD/DPN)

**Track Classification:** Theoretical Physics / Physique théorique (DTP-DPT)