

Session Program

23 February 2026 to 15 July 2026



15th Course on Physics at the LHC 2026

Final evaluation

Seminar Room ("sala Seminarios") (LIP)

Monday 15 June

09:30

Final evaluation

Session | **Location:** Seminar Room ("sala Seminarios") (LIP)

09:30-10:00

Search for exotic Higgs boson decays $H \rightarrow AA$ with $A \rightarrow \gamma\gamma$ in events with a semi-merged topology in proton-proton collisions at 13 TeV

Speaker

Ines Moreira

10:00-10:30

Constraints on the Higgs boson self-coupling from the combination of single and double Higgs boson production in proton-proton collisions at 13 TeV (canceled)

Speaker

Catarina Cristina

14:00

Wednesday 15 July

14:00

Final evaluation

Session | **Location:** Seminar Room ("sala Seminarios") (LIP)

14:00-14:30

Precision measurement of the W boson decay branching fractions in proton-proton collisions at 13 TeV

Speaker

Jose' Rocha

14:30-15:00

Observation of four top quark production in proton-proton collisions at 13 TeV

Speaker

Mariana Batista Mendes

15:00-15:30

Simultaneous probe of the charm and bottom quark Yukawa couplings using ttH events

Speaker

Marina Kholodenko

15:30-16:00

General search for supersymmetric particles in scenarios with compressed mass spectra using proton-proton collisions at 13 TeV

Speaker

Malaika Ali

16:00-16:30

Measurement of the W boson mass

Speaker

João Miguel Costa Santos

17:00