Jet and Photon Physics

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March 1, 2018

People

- Juan Terron (photons)
- Pavel Starovoitov (jets)

Studies

- Photons
  - Prospects for SM measurements using isolated photons
  - Predictions for inclusive isolated photon production and in association with jets.
  - Possibly diphoton production as well.
- Jets
  - Inclusive jets at high-pt
  - Dijet at high mjj
  - Predictions for inclusive jets/dijets

HL/HE-LHC?

- Main focus on HL-LHC.
- Some theory calculations for 27 TeV

Expected results

- Estimated precision on cross-sections

Theory inputs

- What observables are interesting to study?
- What precision is needed?