

PHOTON 2019 - International Conference on the Structure and the Interactions of the Photon. Satellite Workshop: Photon Physics and Simulation at Hadron Colliders.



Contribution ID: 64

Type: **Talk**

Perspectives of photon physics at future colliders

Friday, 7 June 2019 12:45 (30 minutes)

We discuss recent highlights in SM photon physics at the LHC, new opportunities at its forthcoming high-luminosity runs, and perspectives for its possible high-energy upgrade and a future electron-ion collider (EIC). Particular emphasis is put on the role of photoproduction processes in understanding the nuclear structure and interactions at high energies and on searches for photon-like particles in extensions of the SM motivated e.g. by dark matter.

Summary

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Session Classification: General Talks

Track Classification: General Talks