

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



Contribution ID: 24

Type: **Talk**

## SuperKEKB and Belle II status, and prospects on two-photon physics

*Wednesday, 5 June 2019 17:05 (20 minutes)*

At present experiments with a new Belle II detector at SuperKEKB collider has started at KEK (Japan). These new experiments will continue and widen the studies began at the previous experiments with the Belle detector. The luminosity of the SuperKEKB collider will exceed the previous one by about 40 times, amounting to  $8 \times 10^{35} \text{cm}^{-2} \text{s}^{-1}$ . The main features of the collider and detector as well as the current status of the SuperKEKB/Belle II project are reported in this talk. Main physics motivations, goals and perspectives of this experiment for two-photon physics are discussed as well.

### Summary

**Primary author:** SHWARTZ, Boris (Budker Institute of Nuclear Physics, Novosibirsk State University)

**Presenter:** SHWARTZ, Boris (Budker Institute of Nuclear Physics, Novosibirsk State University)

**Session Classification:** Future Perspectives

**Track Classification:** Gamma-Gamma Collisions