

International Conference on Precision Physics and Fundamental Physical Constants (FFK-2019)



Contribution ID: 77

Type: **not specified**

$e+e-$ annihilation into hadrons and muon $g-2$

Tuesday 11 June 2019 18:40 (20 minutes)

We discuss precise measurements of exclusive and inclusive cross sections performed at various $e+e-$ colliders in the BaBar, BESIII, CMD-3, KEDR, KLOE and SND experiments. Results of these measurements are used for the calculation of hadronic vacuum polarization - an important ingredient of the theoretical prediction for the muon $g - 2$ and running fine structure constant in the Standard Model.

Author: EYDELMAN, Simon (Budker Institute of Nuclear Physics (RU))

Presenter: EYDELMAN, Simon (Budker Institute of Nuclear Physics (RU))

Session Classification: Session 6: Magnetic moment, g factor