



Contribution ID: 14

Type: **contributed parallel talk**

R value measurements at BESIII

Monday, July 17, 2023 3:40 PM (20 minutes)

At BESIII, the R value is measured with a total of 14 data points with the corresponding c.m. energy going from 2.2324 to 3.6710 GeV.

The statistical uncertainty of the measured R is less than 0.6%. Two different simulation models, the LUARLW and a new Hybrid generated, are used and give consistent detection efficiencies and initial-state-radiation corrections. An accuracy of better than 2.6% below 3.1 GeV and 3.0% above is achieved in the R values.

Consent

I consent to recording/broadcasting my presentation.

Primary author: SCHELHAAS, Yasemin (JGU Mainz)

Co-author: LIU, Beijiang (Institute of High Energy Physics)

Presenter: SCHELHAAS, Yasemin (JGU Mainz)

Session Classification: Parallel A

Track Classification: decays