## XVIII International Conference on Hadron Spectroscopy and Structure (HADRON2019)



Contribution ID: 87 Type: Leading parallel

## Dispersion techniques for processes gamma^(\*) gamma^(\*) -> pi pi/pi eta

Tuesday, 20 August 2019 10:45 (25 minutes)

In my talk, I will present our recent dispersive analysis of the gammagamma -> pipi/ pieta processes from the threshold up to 1.4 GeV in the two-photon invariant mass. These amplitudes serve as an important input to constrain the hadronic piece of light-by-light scattering contribution to (g-2) and support the current experimental program at BESIII.

Primary author: DANILKIN, Igor (Institute of Physics, Johannes-Gutenberg University Mainz)

Co-authors: Prof. VANDERHAEGHEN, Marc (University Mainz); Ms DEINEKA, Oleksandra (Mainz Univer-

sity)

**Presenter:** DANILKIN, Igor (Institute of Physics, Johannes-Gutenberg University Mainz)

**Session Classification:** Session 5: Analysis tools

Track Classification: Session 5: Analysis tools