

2018 + 2015 Heavy Ion Runs UPC

$\gamma\gamma \rightarrow \tau\tau$ a_τ fitting

- Performing detector-level profile likelihood scan using Trefitter of distributions of muon_pt (+ others) to return likelihood of a_τ values
- Follow templates of previous 2018 data analysis (and our summer student's application to 2023)
- Hope to complement unfolding from Weronika and Kartik (Freiburg)
- Now for 2015 + 2018 PbPb dataset, increase to $\sim 1.93 \text{ nb}^{-1}$

