

Summary from July to September

on BESIII side

# Jpsi to inv.

## initial status

- prepare memoV2.0
- check reason of diff. between two data samples.

## current status

- replying referee's suggestion

## key events

- release memoV2.0
- discussed with Liu Fang
- face-to-face discussion with referee at P&S meeting
- some nice suggestions collected

# ChicJ to gam inv.

## initial status

- study background
- study trigger efficiency
- start replying questions from Collaboration meeting

## current status

- suspended after many trial and discussion

## key events

- use MDC hit information to suppress background
- reply questions collected from Collaboration meeting on the NPG meeting
- join Bi Xiaojun's group meeting, had fruitful discussion

# ChicJ -> gam lepton lepton

## initial status

- just an idea and preliminary proposal

## current status

- Amit learning preSelection
- start with good charged tracks.

## key events

- proposed this idea on new physics group meeting, idea think alike with Chen Shenjian
- join Bi Xiaojun's group meeting, they suggested us to do this topic
- Amit joined us, start to do this

# Eta\_c to inv.

## initial status

- an internal proposal

## • current status

- preSelection, simple scripts of selection, background studies done
- suspend for about 3 weeks September
- resume next month

## • key events

- codes and sample preparation
- background study with topology
- Gu Shan mentioned something important in Eta\_c generating, included in long-term plan