

## Flavor physics at Super B factories era

*Wednesday, 7 October 2015 08:40 (20)*

We review numerous results in  $B$ , charm and tau physics from the  $B$  Factories, obtained last decade. They provide currently strong constraints on New Physics extensions beyond the Standard Model. We discuss the physics program at Super  $B$  factory, a next generation asymmetric collider with 50 times the luminosity of the existing colliders, and its capability in cooperation with LHC of new insights into New Physics phenomena. We also review the status of the construction of the machine and detector for Super  $B$  factory experiment.

### Presentation type

Plenary (25+5 min)

**Primary author(s) :** PAKHLOV, Pavel (MEPhI)

**Presenter(s) :** PAKHLOV, Pavel (MEPhI)

**Session Classification :** Nuclear physics and particle physics - plenary III

**Track Classification :** Nuclear physics and particle physics