Contribution ID: **52** Type: **Oral presentation using Zoom**

Testing aligned two Higgs doublet models with CP violation at LHC and ILC

Thursday 28 October 2021 14:00 (20 minutes)

To generate the baryon asymmetry of the universe, new CP violation sources are needed beyond the Standard Model. We consider a two Higgs doublet model with the CP violation. In this model, the property of the Heavy higgs bosons relevant to the CP phases would be important. We discuss the testability of the model at LHC and ILC.

1st preferred time slot for your oral presentation

15:30-17:30 JST (8:30-10:30 CEST, 2:30-4:30 EDT, 23:30-1:30 PDT)

2nd preferred time slot for your oral presentation

13:00-15:00 JST (6:00-8:00 CEST, 0:00-2:00 EDT, 21:00-23:00 PDT)

Primary author: TAKEUCHI, Michihisa (Osaka Univ.)

Presenter: TAKEUCHI, Michihisa (Osaka Univ.)

Session Classification: F-2: Higgs properties

Track Classification: Parallel sessions: Topical Groups: Session F: Higgs properties