

Session Program

14-15 May 2004

CP Violation and Nonstandard Higgs Physics

CP and CP violation in the Higgs sector

CERN (VRVS: neptune), 40-S2-A01

Friday 14 May

15:10

CP and CP violation in the Higgs sector

Session | **Location:** CERN (VRVS: neptune), 40-S2-A01

15:10-15:30

Expected CMS statistics for $H \rightarrow ZZ(*) \rightarrow 4l$ and MC needs for CP/spin studies of Higgs

Speaker

Nikitenko, A.

15:30-15:50

A ME-Generator for non-SM Higgs-couplings and analysis of spin/CP-dependent variables

Speaker

Buszello, C.

15:50-16:10

Likelihood-based analysis of SM-Higgs coupling structure at the LHC

Speaker

Marquard, P.

16:10-16:30

Investigation of the discovery potential of Higgs bosons in the CPX scenario in ATLAS

Speaker

Schumacher, M.

16:30-16:50

CP of a light Higgs scalar in $t\bar{t}$ production at the LHC

Speaker

McGarvie, S.

16:50-17:20

Coffee break

17:20-17:40

Higgs sector CP violation in top quark pair production at the LHC

Speaker

Bernreuther, W.

17:40-18:00

Tau polarization at a photon collider

Speaker

Godbole, R.

18:00-18:20

Impact of SUSY CP phases on stop, sbottom and stau decays

Speaker

Hesselbach, S.

18:20-18:40

Double Higgs production in 2HDM in the decoupling limit

Speaker

Polosa, A.

19:00