

13th Annual Meeting of the Helmholtz Alliance "Physics at the Terascale"

Tuesday 26 November 2019

Higgs physics - Auditorium (11:30 - 13:00)

-Conveners: Sarah Heim; Matthias Schröder; Vincent Theeuwes

time	[id] title	presenter
11:30	[47] Higgs boson pair production: NLO and beyond (15+5)	Prof. STEINHAUSER, Matthias
11:50	[48] Constraints on the Higgs self-coupling from searches for Higgs boson pairs in the bb $\tau\tau$ final state with the ATLAS detector and prospects at the High-Luminosity LHC (15+5)	Mr BOKAN, Petar
12:10	[49] Higgs self coupling constraints from the HH + H combination (15+5)	RAN, Kunlin

Wednesday 27 November 2019

Higgs physics - Auditorium (11:00 - 13:00)

-Conveners: Vincent Theeuwes

time	[id] title	presenter
11:00	[50] Higgs decays to tau leptons in CMS (SM) (15+5)	LENZ, Teresa
11:20	[51] Order v^4 correction Higgs boson decay into $J/\psi + \gamma$ (15+5)	Dr LAI, Wai Kin
11:40	[52] $H \rightarrow \mu\mu$ CMS (15+5)	Mr KRAMER, Tobias
12:00	[53] Prospects of measuring Higgs boson decays into muon pairs at the ILC (15+5)	KAWADA, Shin-ichi
12:20	[54] Two-real-scalar-singlet extension of the SM: LHC phenomenology and benchmark scenarios (15+5)	WITTBRODT, Jonas
12:40	[55] Search for additional Higgs bosons in $b\bar{b}$ final states with a semi-leptonic channel in CMS (15+5)	VAGNERINI, Antonio