



# 16th Annual Meeting of the Helmholtz Alliance "Physics at the Terascale"

## Tuesday 12 December 2023

### Higgs Parallel: Higgs Parallel - Main Auditorium (11:40 - 13:00)

-Conveners: Dominik Duda; Aliya Nigamova

time	[id] title	presenter
11:40	[72] Classifying the CP properties of the ggH coupling in H+2j production	MENEN, Marco
12:00	[82] CP-sensitive simplified template cross sections for ttH	CARNELLI, Alberto
12:20	[69] Physics Performance and Detector Requirements at an Asymmetric Higgs Factory	LIST, Jenny
12:40	[80] Interference Effects in Di-Higgs-Production in the singlet extension of the Standard Model	FEUERSTAKE, Finn

# Wednesday 13 December 2023

## Higgs Parallel: Higgs Parallel - Seminarraum 3 (09:00 - 10:30)

-Conveners: Dominik Duda; Aliya Nigamova

time	[id] title	presenter
09:00	[65] Study of VBF production followed by $H \rightarrow b\bar{b}$ decay at CMS	RASPIAREZA, Alexei
09:20	[77] Neural Network Development for the ATLAS Run 2 $t\bar{t}H(H \rightarrow b\bar{b})$ Legacy Analysis at 13 TeV	SCHEULEN, Chris
09:40	[67] STXS measurement of VH process in $H \rightarrow b\bar{b}$ final state with full Run 2 CMS data.	NIGAMOVA, Aliya
10:00	[84] Optimizing the Higgs self-coupling measurement at ILC and C <sup>3</sup>	BLIEWERT, Bryan