

Session Program

29-31 Oct 2024

**VBF Workshop: Collaborative Advances in
Theory and Experiment**

Selected topics on VBF and related

CERN, 13/2-005

Wednesday 30 October

14:00

Selected topics on VBF and related: Selected topics on VBF and related

Session | Location: CERN, 6/2-024 - BE Auditorium Meyrin

14:00–14:30

Higgs boson production in weak-boson fusion and $H \rightarrow b\bar{b}$ decay at NNLO with realistic event selection criteria

Speaker

Ivan Novikov

Location

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14:30–15:00

Electroweak Hjj production in the POWHEG-BOX

Speaker

Simon Reinhardt

Location

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15:00–15:30

Precise prediction for Higgs plus two jets production

Speaker

Hantian Zhang

Location

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15:30–16:00

Treatment of ggF contamination in VBF phase-spaces across CMS analyses

Location

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16:00–16:30

Coffee break

16:30–17:00

Higgs + photon and triboson production as probes of Higgs Yukawa couplings

Speaker

Jose Miguel No

Location

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17:00–17:30

Exploring the CP-sensitive SXTS staging in the HWW decay channel by the ATLAS experiment

Speaker

Metea Castilleja Marr

Location

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18:00