

Session Program

25-29 Mar 2024

**CMS Topical Workshop on Off-shell Higgs
Boson Production at the LPC**

Theory perspectives

Fermilab, Wilson Hall, Sunrise (WH11NE)

Wednesday 27 March

09:00

Theory perspectives: Talks and discussions

Session | **Location:** Fermilab, Wilson Hall, Sunrise (WH11NE)

09:00–09:30

N³LO and resummed cross sections for on-shell gluon fusion Higgs boson production

Speaker

Marco Bonvini

09:30–10:00

gg->4l with POWHEG and color singlet production through gluon fusion in GENEVA

Speaker

Simone Alioli

10:00–10:15

Coffee break

10:15–10:45

SMEFT and diboson production

Speaker

Alejo Nahuel Rossia

10:45–11:30

Theory overview of off-shell Higgs physics

Speaker

Raoul Horst Rontsch

11:30–12:15

Higher-order corrections in diboson processes

Speaker

John Campbell

12:15