

Session Program

27-29 May 2026

LoopFest XXIV

Parallel Session b

Brookhaven National Laboratory, Physics Department (Bldg. 510), Large Seminar Room

Wednesday 27 May

16:00

Parallel Session b

Session | **Location:** Physics Department (Bldg 510), Small Seminar Room | **Convener:** Ayres Freitas

16:00–16:15

Including Dimension-8 Effects in SMEFT: Renormalization, and Phenomenology

Speaker

Supratim Das Bakshi

16:20–16:35

Higgs Production via Gluon Fusion in the SMEFT at Next-to-Leading Order

Speaker

Luigi Bellafronte

16:40–16:55

Parity-Violating Moller Scattering at NNLO: Electroweak bosonic contribution

Speaker

Juhun Kwak

17:00–17:15

Electroweak corrections to $gg \rightarrow \gamma\gamma$

Speaker

Gabriele Fiore

17:20–17:35

NLO corrections to inclusive $\bar{B} \rightarrow X_s \gamma$ decays at subleading power

Speaker

Riccardo Bartocci

17:40–18:00

A perturbative framework to probe IR sensitivity in non-Abelian gauge theories

Speaker

Duarte Fontes

18:00