

Phenomenology for ANUBIS group meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introductions

Friday, 10 November 2023 15:00 (10 minutes)

Presenters: MULLIN, Anna (University of Cambridge); BAUER, Martin (IPPP Durham); BRANDT, Oleg (U. Cambridge); SWALLOW, Paul (University of Birmingham (GB)); ERNER, Sofie (PhD student at IPPP at Durham University)

Session Classification: Updates & next steps

Contribution ID: 8

Type: **not specified**

Progress on HNL generation + plans

Friday, 10 November 2023 15:10 (30 minutes)

Sharing plots from recent Madgraph HNL samples, alongside the broad strategy I planned for my next steps.

Presenter: MULLIN, Anna (University of Cambridge)

Session Classification: Updates & next steps

Contribution ID: 11

Type: **not specified**

Discussion of Pythia/further plans/other portal models

Friday, 10 November 2023 16:00 (30 minutes)

Generating B and D mesons in stand-alone Pythia (with help from Paul), details of other portal models we require (scalar/vector/axion), plans for adding ANUBIS to FIPs plots, etc.

Presenters: MULLIN, Anna (University of Cambridge); SWALLOW, Paul (University of Birmingham (GB)); ERNER, Sofie (PhD student at IPPP at Durham University)

Session Classification: Updates & next steps

Contribution ID: 12

Type: **not specified**

Future Models

Friday, 10 November 2023 15:40 (20 minutes)

Presenting the models and parameter spaces to be considered after the HNLs.

Presenter: ERNER, Sofie (PhD student at IPPP at Durham University)

Session Classification: Updates & next steps