

# ***FCCAnalyses: FCC-ee Simulation (Delphes)***

events

$10^9$

$\sqrt{s} = 91.0 \text{ GeV}$

$L = 150 \text{ ab}^{-1}$

$10^8$

$e^+e^- \rightarrow N \nu, N \rightarrow ee\nu$

*2 electrons with  $|d_0| > 0.5 \text{ mm}$ ; No muons, jets, or photons; Missing momentum  $> 10$*

$10^7$

HNL\_Majorana\_20GeV\_1e-3Ve

$10^6$

$10^5$

$10^4$

0

100

200

300

400

500

600

$\times 10^3$

Reco electron tracks  $|z_0 \text{ significance}|$

