

Current situation 11/14

10/09 - 10/11 2 talks for ECFA2024 @Paris

- RHN
- Kink

10/13 - 11/10 stay @DESY

Main aim: find the suitable BSM model for our kink study

Discuss with BSM models (arXiv 2003.12391)

$e+e^- \rightarrow \chi_{1+} \chi_{1-} \rightarrow \chi_0 \pi^+ \chi_0 \pi^-$

Generate the event sample with wizard

→ The current assumption about LSP mass cannot provide enough decay length (= not decay inside TPC)

→ will **reduce** the decay width 10 times.

Make a simple assumption that I can find kinks larger than xxx mrad

Produce exclusion plots for these models at ILC-500/250

★ Fix my proceedings for LCWS...

