

NA64/POKER fall 2023 activities

To-do list, fall 2023

- (Hadronic contamination paper, responses to referee's questions)
- POKER laser system test
- Analysis of POKERINO dataset
- LYSO-based SRD detector
 - Analysis of LYSO data
 - R&D on LYSO crystals with SiPM readout
 - Detector design with MC simulations
- Further analysis of 2022 e^- dataset: Z' physics case
 - Implementation of narrow resonance production via e^+e^- annihilation
- Analysis of 100 GeV e^- dataset with p348-reco team
- Analysis of 70 GeV e^+ dataset

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- POKER laser system test [Luca+Andrea](#)
- Analysis of POKERINO dataset [Pietro+Mariangela](#)
- LYSO-based SRD detector [Anna](#)
 - Analysis of LYSO data
 - R&D on LYSO crystals with SiPM readout
 - Detector design with MC simulations
- Further analysis of 2022 e^- dataset: Z' physics case [Luca](#)
 - Implementation of narrow resonance production via e^+e^- annihilation
- Analysis of 100 GeV e^- dataset with p348-reco team [Andrea+Luca, as for 2022](#)
- Analysis of 70 GeV e^+ dataset [Later in 2024](#)