

C3 Beam Background Studies

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Last Year

- Started by attending CMSDAS and working with Abdollah through URS on $Z \rightarrow ll$ analysis
- At the end of Spring semester began working on C3 Beam Background studies, mainly with GuineaPig throughout the summer
- By start of Fall semester our C3 Studies began to incorporate geant and simulated a full bunch train
- Near end of semester introduced to new study with Abdollah involving boosted tau efficiency with NanoAOD

Plans for this Year

- CMS Data Analysis School next week (in person)
- Continue with C3 Beam Background studies working toward a full C3 simulation
- Begin work on NanoAOD Boosted Tau study with Abdollah