

My Introduction

```
[Dhruv@localhost ~]$ whoami  
Dhruv  
[Dhruv@localhost ~]$ █
```

Hi, I am Dhruv

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2/3/2016

- ▶ Past: Stony Brook University, graduated Dec 2015 with B.S. Physics and Math
 - ▶ Research: PHENIX MPCEX detector construction, commission, and calibration
- ▶ Now: CERN semester student. In the UMichigan Research Semester at CERN program
- ▶ Future: Hopefully UC, Berkeley starting Fall 2016

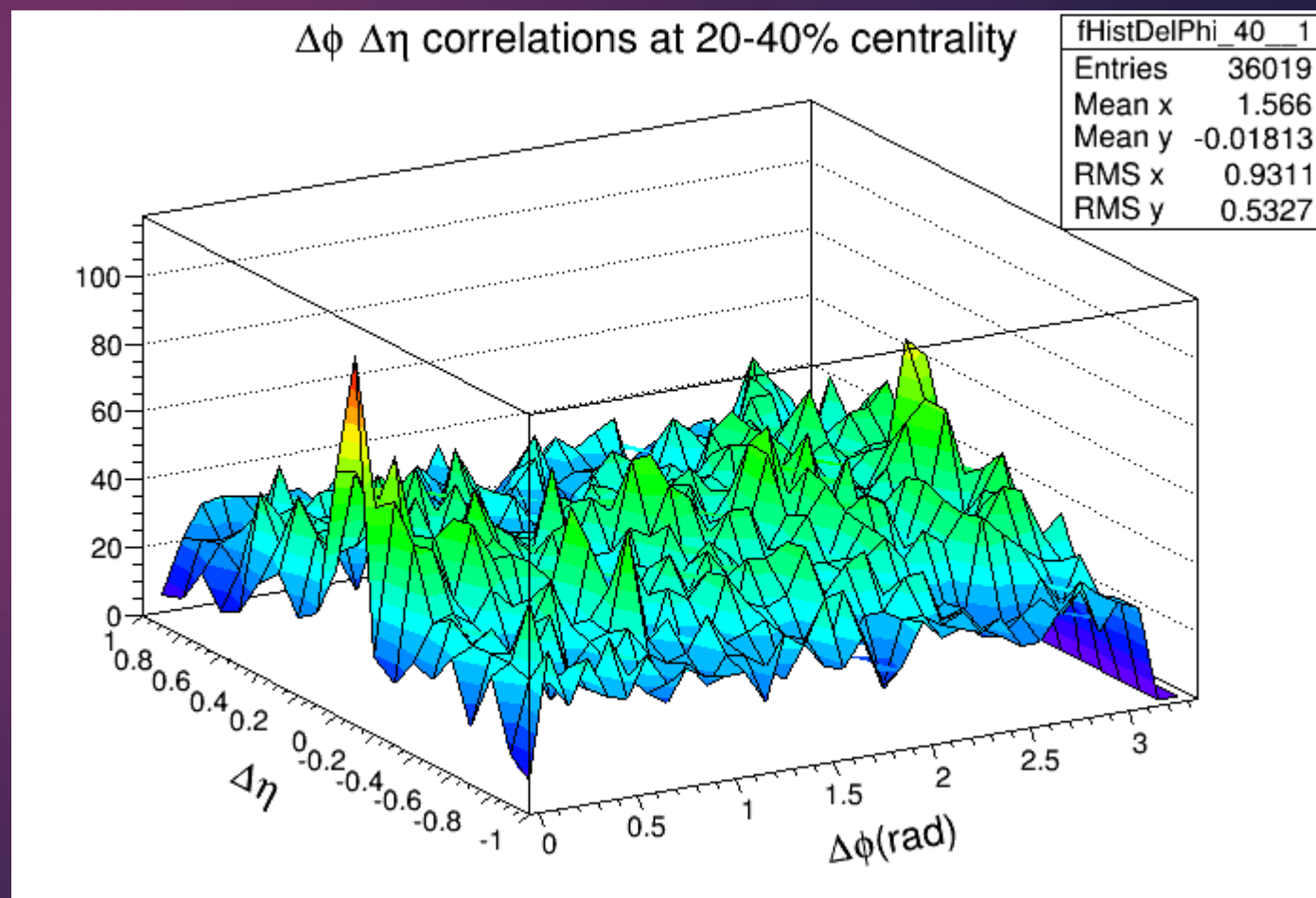


Familiarization with ALICE analysis framework

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2/3/2016

- ▶ Wrote an Analysis task and a macro to execute to the task
- ▶ ϕ - η correlations plots
 - ▶ 895 events
 - ▶ P_{T} : 5 GeV for leading track and 2 GeV for associated tracks
 - ▶ Centrality cut: 20-40%
- ▶ Basic HI phy concept
 - ▶ Centrality cuts
 - ▶ Correlation plots



What's next?

- ▶ Move to the 5 TeV pp and Pb-Pb
 - ▶ Including the DCal in the PCM based framework (QA and analysis)
 - ▶ Get the π^0 spectrum at 5 TeV pp in both EMCal and Dcal
 - ▶ Di-Cluster and Merged cluster analysis
- ▶ Would like to be involved in the Data taking this year
 - ▶ Extend to be discussed