Research on CLEOc and CMS - Xin Shi

About Me
- Graduate Student at Cornell: Year 2004
- Advisors: Jim Alexander and Anders Ryd
- Working with: CU-DHad & CU-EWK Group

CLEOc

Service: Maintenance on CLEOc High Voltage System

- Hardware: Repair HV board, Co-design the distribution system
- Software: Design constants manipulation package

Analysis: *D*-Hadronic Branching Fractions Measurement

- Published the 281 pb^{-1} CLEOc data in PRD
- Updating on the full CLEOc data 818 pb^{-1} as thesis topic

CMS

Develop the MET Significance algorithm

- Implemented the `PATMHTProducer` on CMSSW
- Testing the performance with SUSY analysis

Outreach

- Science Leadership Academy
- Tour guide at Wilson Laboratory
- Expand Your Horizons