

29/10/2019

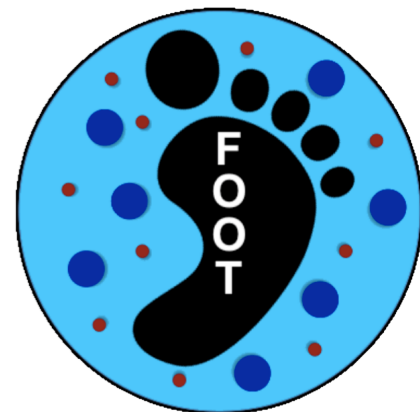
# SHOE Status

---



Istituto Nazionale di Fisica Nucleare

Matteo Franchini  
University of Bologna



# Intro

---

- \* Branch to currently use is `newgeom_v1.0`
- \* Latest version and compatible with the GSI data configuration
- \* CALO development in separate branch

# Level-0

---

- \* Detector packages in place and working:
  - VTX, BM, ST, TW: ok
  - IT: waiting for final geo config
  - MSD: waiting for final geo and data strategy config
  - CALO: geometry in place! Need to build up the data chain
- \* Most of the level0 part is ok-ish.

# Global integration

- \* More attention and test on the Global part: detector integration, global tracking, object matching, data flow, analysis code, ...
- \* Riccardo is configuring the Global part of the code and looking at the global tracking with the latest configuration.
- \* Sofia is importing the analysis code by Roberto in SHOE

# Plans

---

- \* Software meeting in November for
  - Status report
  - Check everything needed is in place (on under development)
  - Next steps planning

Backup



Take a breath after Beam Test



Wake up!

### September 2019

- MSD software structure ready
- CALO geometry
- CALO basic software structure ready
- Revive MC Global tracking

Software meeting

December

Data Building and understanding

2019

April

July (end?)  
Software meeting

### End of 2019

- IT, MSD, CALO complete software
- FullRec ready
- Global Tracking completed
- Analysis code in SHOE
- **Full FOOT setup complete!**

**2020 goal**  
**prepare and optimise code for data acquisition**