Updated ~2019

**ATLAS:** **A** **T**oroidal **L**HC **A**pparatu**S**. A really bad acronym. The detector you work on.

**Building 175:** Large building with several useful experts like Irakli and Jalal. Also where you meet up every morning during maintenance.

**Building 40:** A hub of ATLAS and Tile offices. Sasha and Oleg’s office is here.

**Cesium:**

**CIS: C**harge **I**njection **S**ystem. Your job. Lowest level calibration system in the Tile Calorimeter.

**COOL:**

**Cooling:**

**CTP: C**entral **T**rigger **P**rocessing. Manages various trigger signals from different ATLAS trigger systems. For example Minimum Bias Trigger is a trigger system used in the Tile Calorimeter to measure ATLAS luminosity - these trigger cables are fed into the CTP directly in USA15.

**DAQ:** **D**ata **A**c**Q**uisition. Software responsible for managing data taking in ATLAS in general, and Tile specifically. Jalal is a DAQ expert you may talk to.

**DB:** **D**ata**B**ase. There are plenty of databases in Tile for managing the data taking. The relevant ones for you are the calibration databases. The CIS constant database needs to be updated about once a month.

**DCS:** Detector control system

**DSS:** Detector Safety System

**DQM: D**ata **Q**uality **M**onitor

**DQL:** Data Quality Leader

**ERS:** Error Reporting Service

**Expert:**

**FSM:** Final State Machine

**HV:** **H**igh **V**oltage. The PMTs inside a Tile Drawer are set at a high voltage ( ballpark 500 V ) to read out small signals.

**Integrator:**

**MotherBoard:**

**Migrolino:**

**Minimum Bias:**

**On-Call:**

**PMT:**

**Point 1:** Where ATLAS Control Room and entrance to ATLAS cavern is located. Right across from B55 where you got your ID cards.

**Laser:**

**Prevessin:**

**R1:** Main restaurant.

**R2:** Off brand R1 with a better view and less people.

**R3:** Place of legend. Supposedly a restaurant.

**RC:** Run Coordinator. Person in charge of data taking. The position usually alternates, currently Doug is Tile RC.

**Testbeam:**

**Twiki:** It’s like wikipedia but worse.

**USA15:**

**UX15:** ATLAS Cavern. Where you’ll hangout during maintenance