Beamline for E01-006

- Source:
  - 3 lasers (Gen01 Q^2=1.0)
    - Independent controls over current asymmetry
    - Possible concern over leakage
  - 1 laser (Gen01 Q^2=0.5)
    - No concern over leakage
    - Shutdown of one hall affects the others
    - Could be difficult to adjust current asymmetry
- Beam Energy Measurement
  - Ideally done during straight-thrus

- Beam Polarization
  - goal: 2% measurement
- Superharps
  - used by MCC for energy measurement
- Raster
  - continue at 1 Hz
- SEM
  - modify it to work in static mode?
- Chicane
  - three target angles (0^o, ~90^o, 10^o)
- Downstream beamline
  - hybrid thin pipe and He bag
- Beam Quality
  - charge asymmetry: ≤ 0.2%
  - leakage: depends on source setup
  - energy stability: we will not have the lock