**ATLAS** Preliminary Simulation

R = 150 mm, Front Layer

- Calibration with 1.0 ms window
- Calibration with 5.0 ms window
- Calibration with 10.0 ms window
- Time jitter without calibration

\[ \sigma(t_{\text{smear}} - t_{\text{reco}}) \text{ [ps]} \]

**Variation period [ms]**

0 20 40 60 80 100 120 140 160 180 200