

LPNHE

- Today
 - Permanents: Alain Blondel, Bogdan Malaescu, LP
 - Intern (M2): Sukyung Kim (01/03-30/06) -> potential PhD ATLAS/FCC
 - α_s sensitivity vis 3jets/2jets ratio, α_s running via ISR
- Evolution
 - Contacts to get people involved (ATLAS, LHCb)
 - Ongoing discussions on R&D potential involvement
- Case studies
 - Perspectives for high-precision $\alpha_s(m_Z)$ determinations from future $e+e-$ measurements at the FCC-ee (BM, LP, SK)
 - High-precision $\alpha_s(m_Z)$ determinations from future FCC-ee $e+e- \rightarrow$ hadrons data below the Z peak (BM, LP, SK)
 - Involvement in many other case studies (physics/machine) (AB)