CLIC-ILC BDS Collaboration

- ► CERN resources assigned to this collaboration are limited and should focus on CLIC-ILC synergies (win-win situation)
- Recent studies showed that understanding the traveling waist evolution is crucial to avoid luminosity loss in CLIC
- Several options were studied, however it was concluded that one CC in the correct location and correct crossing scheme is enough both to optimize luminosity
- ▶ We believe that a new set of parameters for ILC (lower β_y) will increase luminosity in a traveling waist scenario (preliminary studies by Hector with CLIC lattice but ILC bunches show promising improvement)
- ▶ Should we go towards the same FFS for ILC and CLIC?
- ▶ TDR deadline seems to be getting delayed due to different issues (positron generation, etc). So we could profit from this extra time.