

# CERN Involvement in CompactLight

A. Latina, D. Schulte, W. Wuensch,  
S. Stapnes, M. Aicheler

For the CLIC team

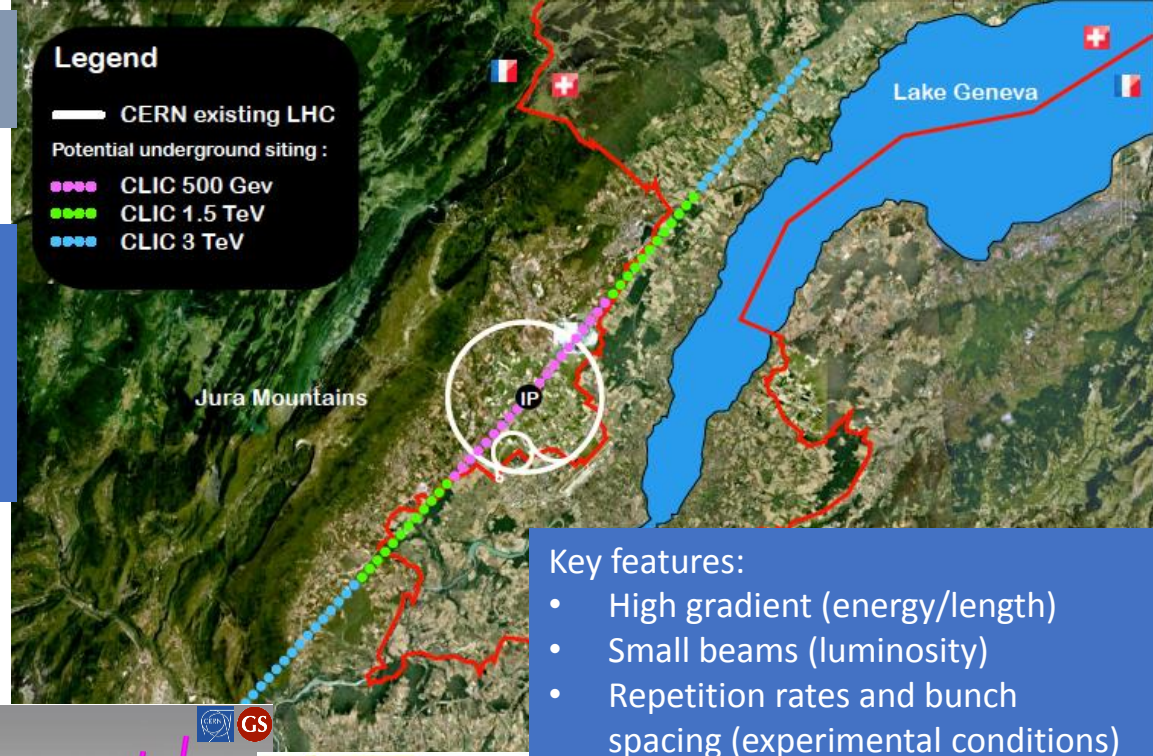
# The CLIC Project

## Outline:

- Brief introduction
- Across the main activities (2014-2015)
- Brief summary

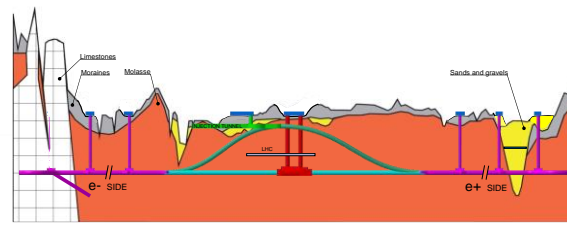
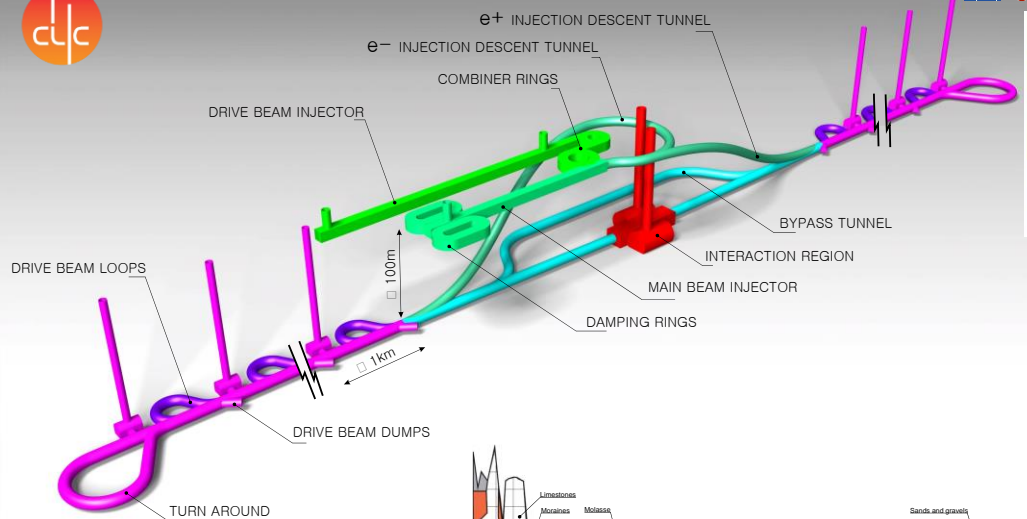
### Legend

- CERN existing LHC
- Potential underground siting :
- CLIC 500 GeV
- CLIC 1.5 TeV
- CLIC 3 TeV

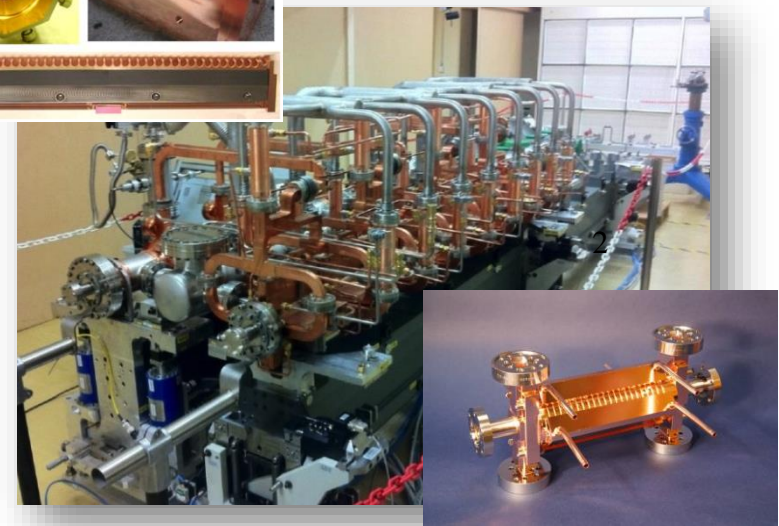
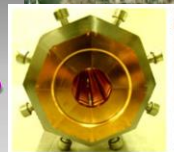


### Key features:

- High gradient (energy/length)
- Small beams (luminosity)
- Repetition rates and bunch spacing (experimental conditions)



**CLIC SCHEMATIC**  
(not to scale)



# CERN participation

- Within the context of the CLIC Study
- Leading WP4: 10 person/months
- Contributions to
  - WP1: 2 person/months
  - WP2: 8 p/m
  - WP3: 2 p/m
  - WP6: 4 p/m
  - WP7: 2 p/m
- 1 postdoc hired:  $\frac{1}{2}$  for WP4 -  $\frac{1}{2}$  for WP6