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Job Field:

Around Photo-Injector RF GUN

- Low Level RF source
- Timing system
- Beam Diagnostics (ICT, Faraday Cup, WCM, Yag screen)
- High stability synchronisation (for Laser Plasma Wakefield acceleration)

Around Photo-detector

- Test bench developpement (tens of ps resolution time, 10% absolute PDE)
- SiPM, PMT, MCP-PMT characterization : dark noise, gain, SPTR
- CpFM for UA9 (in vaccum Cherenkov beam monitor in SPS)
- Cherenkov lab : generic studies on detectors based on Cherenkov light

