

- Motivation for investigations
 - LHC triplet magnet loss measurements = not possible to protect magnet by outside mounted monitors
 - Solution: mount monitors in the iron yoke of the magnet
- Development program at CERN
 - Principal investigations
 - PhD. thesis Christophe Kurfuerst, Si, CVD and liquid He Chamber, ...
 - Vladimir Eremin, Petersburg, Russia (collaboration agreement)
 - Next year planning
 - Radiation at room temperature and measurements at 2K
 - Radiation and measurements at 2K
 - PS radiation area, 1 MGy, in June and November
 - Fellow position: implementation of detector in magnet