

Milestones

- evaluation of detector geometry M13
- evaluation of QNR schemes M14
- evaluation of high power instabilities M16
- trade-off analysis and draft design M24
- final design and component specification M33

WP3 Topology identification

1 Detector topologies modeling

1 Detector geometries modeling

1 quantum noise suppression technologies investigation

Trade-off analysis

2 refinement of the optical layout design

2 refinement of the adopted technologies list

3 Detector geometry and topology decision process

- Analysis of the available and developping technologies
- Cross-compatibility of the different technologies
- requirements definition in terms of circulating power