

# Rating of different LHC IR upgrade options: first ideas

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RLC - 10<sup>th</sup> of February 2006

# Rating different LHC IR upgrade options

- Gather IR optics options in a web repository
- Devise a criteria for rating the different options
- Rate them

# Rating criteria

Some criteria could be:

- Availability of technology
  - \* Available now: NiTi
  - \* Unavailable now: Nb<sub>3</sub>Sn
- Luminosity
- Aperture requirements
- Need of Beam Beam compensation
- Chromaticity, non-linearities, dynamic aperture...
- [Your criteria]

But also what are the **weights** of different criteria?