Meeting on Power/Energy consumption of SC vs resisistive Ion Therapy facility

Peliminary work fo the H2020-HITRI+ WP8 Magnets

Coordinated by L. Rossi

Scope of meeting

- For variosu programs (HITRI+ , IFAST, NIMS, SEEIST…) the figures of energy and poer of new SC facilities, (Synchrotron, beam lines, gantry) is part of the study. And has to eb compared to reisistive solutions or to other type of solution (i.e. synchrotron vs linac).
- I think is useful to tune the data and have all the same the same figures.
- Also to understand if it is important only for gantry or also for synchrotron.

INFN program (wishes)

- CERN-CNAO-MedAustron and INFn are preparing a 4-party agreement for the gantry
- I intned to submit a project to INFN to
  1. Install asap a few winding machens and press at LASA
  2. Making winding test on a curved magents of Sigrum
  3. Possibyl to build a demonstrator (or a prototype) of the Sigrum dipole
- Horizon of the program: 1-1.5 y for 1. and 2.
- 3 y for 3.