

## Summary of radiation physics study and criteria development

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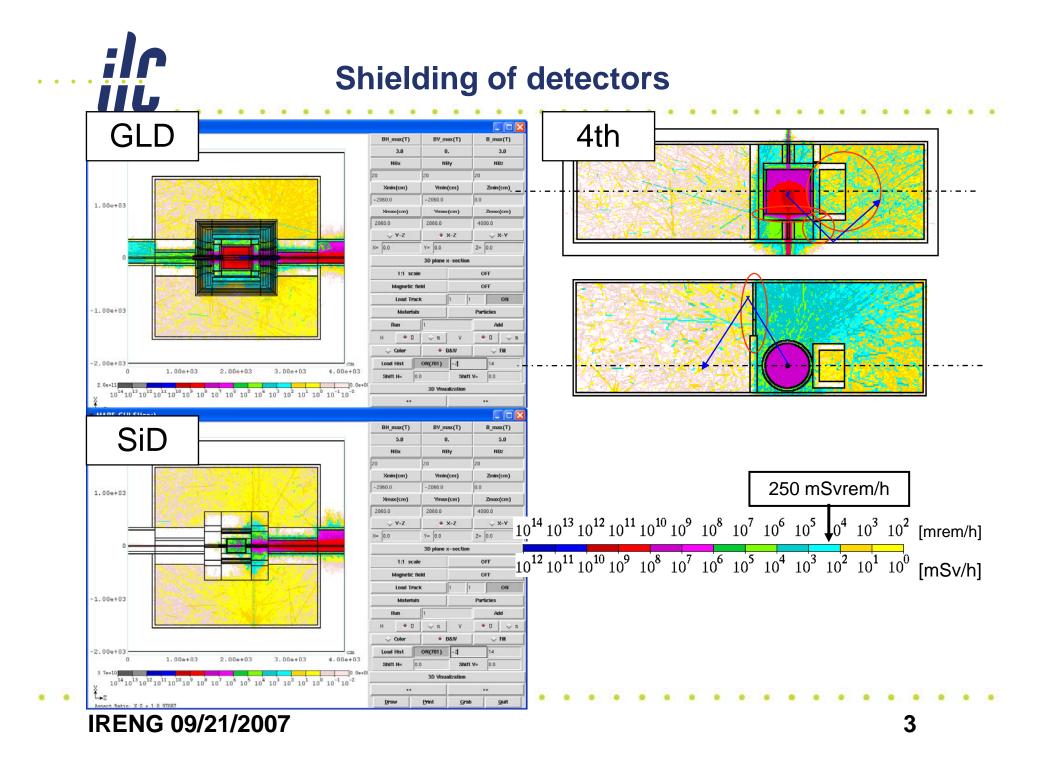
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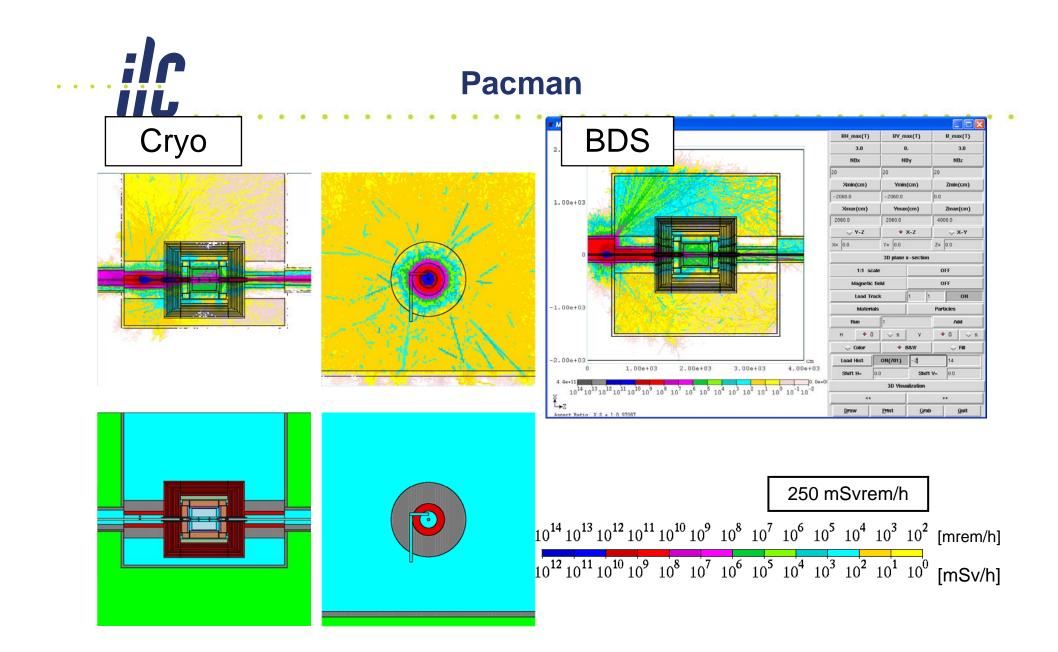


- Shielding: 250 µSv/h for 18 MW beam loss
- Normal beam loss: less than <u>36W</u>
  - < 0.5  $\mu$ Sv/h on experimental floor
- Mis-steering: turn-off less than 57sec
  - < 4 mSv/h on experimental floor

SLAC: GERT access LHC: Supervised area (turn off 35 sec because of 2.5 mSv/h) KEK: Supervised area







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- •4th concept
  - John Hauptman
- •SiD pipe concepts & SiD maintenance Schemes William Cooper
- •Overview of extraction line designs and all issues
  - Yuri Nosochkov
- •Final Doublet engineering design
  - Andrew Marone
- Vacuum requirement Lewis Keller
  Backscatter neutron from Dump Takashi Maruyama
  Muon from collimator Noriaki Nakao