

Superconductivity and other new Developments in Gantry Design for Particle Therapy

Thursday, 17 September 2015

Status, requirements and challenges (14:00 - 16:00)

-Conveners: Jay Flanz

| time | [id] title | presenter |
|-------|---|------------------------|
| 14:00 | [4] Welcome and introduction | Prof. SCHIPPERS, Marco |
| 14:15 | [5] Recent developments and experiences in beam optics of compact gantries for proton therapy | Prof. FLANZ, Jay |
| 15:00 | [6] How to keep high quality treatments using a compact gantry | Dr PEARSON, Emma |
| 15:30 | [7] Clinical importance of gantries in particle therapy | Prof. LOMAX, Tony |

Status, requirements and challenges (16:30 - 18:30)

-Conveners: Jay Flanz

| time | [id] title | presenter |
|-------|--|----------------------------|
| 16:30 | [8] Clinical aspects of compact gantry designs | Dr HEESE, Jürgen |
| 17:00 | [9] Consequences of fast beam scanning on gantry design | Dr PSOROULAS, Serena |
| 17:30 | [20] Advantages and challenges of superconducting magnets use in gantry design | Dr GERBERSHAGEN, Alexander |