FIAS Colloquium

Thursday, December 12, 2013, 14:30
FIAS, Ruth-Moufang-Str. 1, 60438 Frankfurt am Main
Lecture hall 0.100

Speaker: Prof. Dr. Thomas Haberer, Heidelberger Ionenstrahl-Therapiezentrum
Title: Novel Techniques and Challenges in Ion Beam Therapy

Whilst ion beam therapy has stepped into the clinical environment hospitals with moderate patient numbers only do not meet the business plan requirements of multi-vault facilities. Consequently the technology suppliers have started the development of single room installations as well as scalable facilities having moderate footprints. The desirable compactness may be achieved by introducing superconducting accelerator- and beamline-technology in order to increasing the bending radii and thus the building dimensions.
In parallel to the development of compact facilities the optimization of the various aspects of the treatment process is a challenging and ongoing activity.