Contribution ID: **5** Type: **Invited**

Comparison of adequate LINAC acceleration techniques for e- and light ions

Friday, 3 May 2019 11:20 (30 minutes)

The state of the art in linac architecture at the low energy front has been developed quite a lot during the last decades. Frequency ranges and choices among available key components like amplifiers, controls and magnets have been extended. Room temperature as well as superconducting developments with high reliability are available now. The Pro's and Con's of alternative layouts will be discussed for typical beams like electrons, protons, deuterons and alphas in the energy range from a few MeV and up to tens of MeV.

Primary author: RATZINGER, Ulrich (Goethe-Universitaet Frankfurt)

Presenter: RATZINGER, Ulrich (Goethe-Universitaet Frankfurt)

Session Classification: Accelerator techniques for medical isotope production

Track Classification: Accelerator techniques for medical isotope production