IAP Seminar

Claus Schmitzer

MedAustron Wiener Neustadt

Tuesday, 4th May 2021, 16:00 s.t.
The seminar will be held as a Zoom Meeting
https://tuwien.zoom.us/j/93352801359?pwd=bWR1WkJMaFFHaTRyOUNDR2x0d2o1UT09
Meeting ID: 933 5280 1359 Passcode: iapsem2021

An insight to MedAustron's Accelerator Facility

MedAustron is one of only four european centers which offer multispecies ion beams for cancer treatment. While being the biggest treatment center it is also the youngest and has not yet reached full operation or potential. I will present an overview of the centers and give an introduction to the accelerator operation mode as well as some typical issues. I will discuss current developments and ideas for future upgrades.

Claus Schmitzer studied technical physics at the Vienna University of Technology (TUW) on the falsification of a Legget type hidden variable model using entangled Neutron states. Followed by a PhD at TUW in collaboration with CERN on the characterization of an inductively coupled plasma generator for Linac4/SPL. He then joined the MedAustron project as workpackage leader for synchrotron RF development. Now he is coordinating technical developments at MedAustron's Accelerator Division for accelerating RF structures, Vacuum technology, Ion Sources and Beam Diagnostics.

All interested colleagues are welcome to this seminar lecture (45 min. presentation followed by discussion).

Friedrich Aumayr
(LVA-Leiter)

Richard Wilhelm
(Seminar Chair)