



Dr. Mauro Pivi is working at the MedAustron synchrotron-based particle therapy accelerator in Wiener Neustadt, Austria, leading the beam commissioning of the particle accelerator with protons and carbon-ion beams for several projects lately including the commissioning of the rotating proton Gantry. He implemented several accelerator techniques to reduce the synchrotron beam emittance, perform beam alignment with orbit-response-matrix and tune the optics for small beam sizes, leading to the success of the beam commissioning at MedAustron. Dr. Mauro Pivi has more than 20 years' experience and a strong research record at major international institutions including SLAC Stanford, LBNL Berkeley in the USA and CERN in Switzerland. Dr. Pivi gave major contributions to the International Linear Collider (ILC) project and the damping rings design at SLAC, leading the electron-cloud experimental program and developing a strong-strong parallel simulation code for collective beam instabilities, as well as contributing to the success of the PEP-II positron electron collider. At the Berkeley National Laboratory, Dr. Pivi worked on theoretical aspects of beam collective-effects and at CERN he was in charge of an electron-cloud R&D program for the Large Hadron Collider LHC.