



EINLADUNG

zum

VERA - SEMINAR

von

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Projektentwicklungsgesellschaft (PEG)
MedAustron, Wiener Neustadt

MedAustron – Non-Clinical Research Opportunities

MedAustron is a synchrotron based light-ion beam therapy centre for cancer treatment as well as for clinical and non-clinical research, currently in the construction phase in Wiener Neustadt. Whilst the choice of basic machine parameters was driven by medical requirements, the accelerator complex design was also optimised to offer flexibility for research operation. The potential of the synchrotron is being exploited to increase the maximum proton energy far beyond the medical needs to up to 800 MeV, for experimental physics applications, mainly in the areas of proton scattering and detector research. The accelerator layout allows for the installation of up to four ion source-spectrometer units, to provide various ion types besides the clinical used protons and carbon ions. To decouple research and medical operation, a dedicated irradiation room for non-clinical research was included providing two isocentres for the installation of different experiments. This presentation provides a status overview over the whole project and highlights the non-clinical research opportunities at MedAustron.

Donnerstag, 2. Mai 2013, 16:30 Uhr

**1090 Wien, Währinger Str. 17, "Kavalierstrakt",
1. Stock, Victor-Franz-Hess Hörsaal**