

Session Program

27 August 2017 to 1 September 2017



MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Wed-Af-Po3.04

RAI Congress Center, Amsterdam, The Netherlands

Wednesday 30 August

13:15

Wed-Af-Po3.04: Hadron Therapy Magnets and Novel Medical and Biological Applications

Poster Session | Location: Posters Area

Cryostat Design of 230 MeV Superconducting Isochronous Cyclotron for Proton Therapy

Speaker

Dr Jun Yoshida

Simulation of an Octupole Scanning Magnet for Spot Scanning in Proton Therapy

Speaker

Dr BoLei Jia

Modified Halbach Magnets in Medical Science Applications

Speaker

Dr Nicholas Tsoupas

Analysis of losses in superconducting magnets based on the Nb₃Sn Rutherford cable configuration for future gantries

Speaker

Prof. Marco Breschi

Development of highly saturated dipole magnets for the SAPT booster

Speaker

Miao Zhang

Cold Tests and Magnetic Characterization of a Superconducting Magnet for a Compact Cyclotron for Radioisotope Production

Speaker

Javier Munilla

Design considerations of gantry beamline with fast energy modulation for HUST Proton Therapy Facility

Speaker

Dr Bin Qin

Design Study on High Frequency Magnets for Magnetic Hyperthermia Applications

Speaker

Dr Shinichi Nomura

Design of prototype magnets for HUST Proton Therapy beamline

Speaker

Mr Wei Chen

Superconducting Coil system R&D for a 230 MeV Superconducting Cyclotron

Speaker

Dr Chuan Wang

Design and construction of the main magnet for a 230 MeV Superconducting Cyclotron

Speaker

Dr Tianjue Zhang

Improved Overall Efficacy in Transcranial Magnetic Stimulation of Human Brain with Semi - ellipse Coil Pair

Speaker

Ms Xiao Fang

15:00