

Wednesday, 30-11-2022

15:10 - 16:10

E-Poster Station 1

FLASH Modalities : Facilities, Radiation Protection and New Horizons - (E-Poster Presentations)

- 15:10 - 15:15 **EPP001 - ADVANCED ACCELERATOR CONCEPTS FOR FLASH RADIOTHERAPY**
Emma Snively, (United States of America)
- 15:15 - 15:20 **EPP002 - IN BEAM PET SCANNER FOR VHEE IN VIVO DOSIMETRY: AN INITIAL GEANT4 SIMULATION STUDY**
Jake Harold Pensavalle, (Italy)
- 15:20 - 15:25 **EPP003 - EXPANDING PROTON FLASH CAPABILITIES TO KILOGRAYS PER SECOND WITHIN MILLISECONDS FOR CLINICAL APPLICATIONS AT HZB**
Georgios Kourkafas, (Germany)
- 15:25 - 15:30 **EPP004 - EXPERIMENTAL DEMONSTRATION OF ULTRAHIGH DOSE-RATE 10MV X-RAY IRRADIATION AND EARLY IN-VIVO DOSIMETRY RESULTS AT THE ARIEL E-LINAC**
Nolan Esplen, (Canada)
- 15:30 - 15:35 **EPP005 - BEAMLINE DESIGN FOR THE FLASH RADIATION THERAPY AND RADIATION BIOLOGY EXPERIMENTS AT PITZ**
Xiangkun Li, (Germany)
- 15:35 - 15:40 **EPP006 - ELECTRON BEAM DIAGNOSTICS FOR THE FLASHLAB AT PITZ RESEARCH AND DEVELOPMENT PLATFORM**
Matthias Gross, (Germany)
- 15:40 - 15:45 **EPP007 - DESIGN AND PROTOTYPING OF HIGH-GRADIENT C-BAND VHEE LINACS FOR FLASH**
Luiqi Faillace, (Italy)
- 15:45 - 15:50 **EPP008 - INNOVATIVE ELECTRON LINEAR ACCELERATOR FOR FLASH THERAPY**
Lucia Giuliano, (Italy)

- 15:50 - 15:55 **EPP010 - RADIATION PROTECTION AND OTHER STORIES ON THE INSTALLATIONS OF ULTRA-HIGH DOSE RATE ELECTRON BEAM SYSTEMS**
Alessia Gasparini, (Belgium)
- 15:55 - 16:00 **EPP011 - FIT FOR FLASH: ARE THE RADIATION PROTECTION PROVISIONS OF EXISTING CENTRES SUITABLE FOR ULTRA-HIGH DOSE RATE FLASH PROTON BEAMS**
Michael Taylor, (United Kingdom)
- 16:00 - 16:05 **EPP012 - SHORT PULSE EXTRACTION OF THE MEDAUSTRON SYNCHROTRON FOR FLASH COMPATIBLE BEAMS**
Clara Becker, (Austria)