



# European Cyclotron Progress Meeting 2012

## Friday, 11 May 2012

### Poster Session - Auditorium (11:10 - 12:30)

time	[id] title	presenter
11:10	[44] A COMPACT SOLUTION FOR DDS-GENERATOR, TURN-ON AND PROTECTIONS IN RADIO FREQUENCY CYCLOTRON SYSTEMS	Mr CARUSO, Antonino
11:10	[18] A calculation study of H <sup>+</sup> recapture in a synchrocyclotron using the IBA phase_motion code	Dr PEARSON, Emma Dr KLEEVEN, Willem
11:10	[38] BEAM EXTRACTION SYSTEM FROM DC110 CYCLOTRON	Dr BORISOV, Oleg
11:10	[19] Fast computation of magnetic shimming in high field environment	Dr KLEEVEN, Willem
11:30	[29] Cyclotron median plane errors due to asymmetric RF cavities	Dr ABS, Michel Dr KLEEVEN, Willem
11:30	[23] Developments on the S2C2 mapping system	Dr VAN DE WALLE, Jarno
11:30	[26] IBA S2C2 Quench Study: Induced Forces on Dees and Liner	Dr KLEEVEN, Willem
11:30	[21] IBA S2C2: Coil forces and median plane errors due to coil displacements	Dr KLEEVEN, Willem
11:30	[22] IBA S2C2: Median plane error produced by external magnetic shields and other equipment and its compensation by main coil shifts	Dr FORTON, Eric Dr KLEEVEN, Willem
11:50	[36] Fields extrapolation in the axial injection and central region of cyclotrons	Dr NUTTENS, Vincent
11:50	[24] IBA S2C2: The influence of first harmonic field errors on the beam quality	Dr KLEEVEN, Willem
11:50	[34] Last development on IBA Cyclone30 family	Mr NACTERGAL, Benoît
11:50	[27] Optimization of tube based RF power amplifiers by 3D EM codes	Mr ABS, Michem
12:10	[25] Phase_motion: a program for the study of the longitudinal beam optics in a synchrocyclotron	Dr PEARSON, Emma Dr KLEEVEN, Willem
12:10	[12] Proton beam time structure of HZB cyclotron	Mr KUNERT, Christoph
12:10	[30] Status of the Proteus One S2C2 RF System	Mr ABS, Michel Mr VERBRUGGEN, Patrick
12:10	[46] Status report of proton therapy and the irradiation facility at TSL, Uppsala	VAN ROOYEN, Daniel LINDBERG, M
12:10	[2] The procedure and results of magnetic field formation at the cyclotron with the magnetic channel of the beam extraction system.	Dr IVANENKO, Ivan