

Session Program

16-17 Oct 2012

HIE-EBIS workshop

Topical session III (TIII)

CERN, 6/2-024 - BE Auditorium Meyrin

Wednesday 17 October

11:00

Topical session III (TIII)

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin | **Convener:** Dr Ross Marrs

11:00-11:20

Can 5 A, 150 keV, 20 kA/cm² be attained practically in a charge breeder?

Speaker

Prof. Reinard BECKER

11:20-11:40

Can the development from Dubna be applied for an effective high energy high current charge breeder?

Speaker

Dr Evgeny DONETS

11:40-12:00

High compression high current guns

Speaker

Dr Vladimir OVSYANNIKOV

12:00-13:15

Lunch Break

13:15-13:35

State-of-the-art high compression guns using BaW cathode

Speaker

Dr Stefan SCHWARZ

13:35-14:00

Can the BNL EBIS current density be increased by a factor of 20? IrCe and LaB6 cathodes, high-current collector design, experience with large aperture drift tubes

Speaker

Dr Alexander Pikin

14:55