

**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/cm<sup>2</sup> 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