

HIE-EBIS workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

HIE-ISOLDE linac upgrade

Tuesday 16 October 2012 09:10 (20 minutes)

Presenter: VOULOT, Didier (CERN)

Contribution ID: 2

Type: **not specified**

Present REX-ISOLDE charge breeder system.

Tuesday 16 October 2012 09:30 (30 minutes)

Presenter: WENANDER, Fredrik John Carl (CERN)

Contribution ID: 3

Type: **not specified**

HIE-EBIS design parameters and prerequisite.

Tuesday 16 October 2012 10:00 (30 minutes)

Presenter: SHORNIKOV, Andrey

Contribution ID: 4

Type: **not specified**

The RHIC EBIS

Tuesday 16 October 2012 10:45 (45 minutes)

Presenter: Dr BEEBE, Edward (Brookhaven National Laboratory)

Session Classification: Facility talks (FT)

Contribution ID: 5

Type: **not specified**

The MSU ReA3 EBIS/T

Tuesday 16 October 2012 11:30 (45 minutes)

Presenter: Dr SCHWARZ, Stefan (NSCL / MSU)

Session Classification: Facility talks (FT)

Contribution ID: 6

Type: **not specified**

EBITs at MPIK

Tuesday 16 October 2012 12:15 (45 minutes)

Presenter: Dr CRESPO LÓPEZ-URRUTIA, José Ramón (MPIK)

Session Classification: Facility talks (FT)

Contribution ID: 7

Type: **not specified**

The LLNL Super-EBIT

Tuesday 16 October 2012 14:00 (35 minutes)

Presenter: Dr MARRS, Ross (Lawrence Livermore National Laboratory)

Session Classification: Facility talks (FT)

Contribution ID: 8

Type: **not specified**

Tokyo Super-EBIT

Tuesday 16 October 2012 14:35 (35 minutes)

Presenter: Prof. NAKAMURA, Nobuyuki (The University of Electro-Communications)

Session Classification: Facility talks (FT)

Contribution ID: 9

Type: **not specified**

Advanced vacuum technologies

Tuesday 16 October 2012 15:25 (20 minutes)

Presenter: CHIGGIATO, Paolo (CERN)

Session Classification: Topical session I (TI)

Contribution ID: **10**

Type: **not specified**

Vacuum system and cryogenics in HD-type EBIT design.

Tuesday 16 October 2012 15:45 (15 minutes)

Presenter: Dr CRESPO LÓPEZ-URRUTIA, José Ramón (MPIK)

Session Classification: Topical session I (TI)

Contribution ID: **11**

Type: **not specified**

Cryogenics and vacuum at Tokyo Super-EBIT

Tuesday 16 October 2012 16:00 (15 minutes)

Presenter: Prof. NAKAMURA, Nobuyuki (The University of Electro-Communications)

Session Classification: Topical session I (TI)

Contribution ID: 12

Type: **not specified**

Cryogenics and vacuum in DreEBIT EBITs

Tuesday 16 October 2012 16:15 (15 minutes)

Presenter: Dr OVSYANNIKOV, Vladimir (on leave from DREEBIT)

Session Classification: Topical session I (TI)

Contribution ID: **13**

Type: **not specified**

Low-contamination rare and exotic beams

Tuesday 16 October 2012 16:30 (15 minutes)

Presenter: Dr KONDRASHEV, Sergey (ANL)

Session Classification: Topical session I (TI)

Contribution ID: 14

Type: **not specified**

Helmholtz+solenoid configuration at MSU EBIS

Wednesday 17 October 2012 09:00 (15 minutes)

Presenter: Dr SCHWARZ, Stefan (NSCL / MSU)

Session Classification: Topical session II (TII)

Contribution ID: 15

Type: **not specified**

Ion-Ion cooling at high ionization factors

Wednesday 17 October 2012 09:15 (15 minutes)

Presenter: Dr MARRS, Ross (Lawrence Livermore National Laboratory)

Session Classification: Topical session II (TII)

Contribution ID: **16**

Type: **not specified**

Acceptance and emittance studies at RHIC EBIS

Wednesday 17 October 2012 09:30 (15 minutes)

Presenter: Dr PIKIN, Alexander (Brookhaven National Laboratory)

Session Classification: Topical session II (TII)

Contribution ID: 17

Type: **not specified**

Acceptance and emittance studies at DreEBIT

Wednesday 17 October 2012 09:45 (15 minutes)

Presenter: Dr OVSYANNIKOV, Vladimir (on leave DREEBIT)

Session Classification: Topical session II (TII)

Contribution ID: **18**

Type: **not specified**

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

Wednesday 17 October 2012 11:00 (20 minutes)

Presenter: Prof. BECKER, Reinard (IAP, Uni Frankfurt)

Session Classification: Topical session III (TIII)

Contribution ID: 20

Type: **not specified**

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

Wednesday 17 October 2012 11:20 (20 minutes)

Presenter: Dr DONETS, Evgeny (Joint Institute for Nuclear Research)

Session Classification: Topical session III (TIII)

Contribution ID: 21

Type: **not specified**

High compression high current guns

Wednesday 17 October 2012 11:40 (20 minutes)

Presenter: Dr OVSYANNIKOV, Vladimir (on leave DreEBIT)

Session Classification: Topical session III (TIII)

Contribution ID: 22

Type: **not specified**

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

Wednesday 17 October 2012 13:15 (20 minutes)

Presenter: Dr SCHWARZ, Stefan (NSCL / MSU)

Session Classification: Topical session III (TIII)

Contribution ID: 23

Type: **not specified**

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

Wednesday 17 October 2012 13:35 (25 minutes)

Presenter: Dr PIKIN, Alexander (Brookhaven National Laboratory)

Session Classification: Topical session III (TIII)

Contribution ID: 24

Type: **not specified**

What we have learned and our next steps

Wednesday 17 October 2012 16:30 (15 minutes)

Presenter: SHORNIKOV, Andrey

Session Classification: Summary and collaboration session (SCS)

Contribution ID: 25

Type: **not specified**

What can CERN / EU offer to the collaborators

Wednesday 17 October 2012 16:45 (5 minutes)

Presenter: CATHERALL, Richard (CERN)

Session Classification: Summary and collaboration session (SCS)

Contribution ID: 26

Type: **not specified**

Introduction

Tuesday 16 October 2012 09:00 (10 minutes)

Presenters: SHORNIKOV, Andrey; WENANDER, Fredrik John Carl (CERN)