

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

Poster session III - Particle Beam and Accelerator Technologies

Hilton Brighton Metropole Hotel
Kings Road Brighton BN1 2FU United Kingdom

Wednesday 21 June

13:30

Poster session III - Particle Beam and Accelerator Technologies

Poster Session | **Location:** Hilton Brighton Metropole Hotel, Hall 4 / Cambridge

Development of Bipolar Pulse Accelerator for High-Purity Intense heavy Ion Beam

Speaker

Mr Taro Honoki

AUTOMATIC DATA PROCESSING AND DATA DISPLAY SYSTEM FOR THE HERMES III ACCELERATOR

Speaker

SEAN COFFEY

SNS PROTON POWER UPGRADE REQUIREMENTS FOR MAGNET AND KICKER SYSTEMS

Speaker

Robert Saethre

CSNS Pulse Klystron High Voltage Power Supply System Overview and Performance Test

Speaker

Jian Li

Status of the 3rd axis flash X-rays LIA of the EPURE facility

Speaker

Dr Christophe Vermare

Measurement of intense continuous and flash radiographic sources with Compton spectrometers

Speaker

Amanda Gehring

Fast Magnetization of Amorphous Metallic Cores

Speaker

Dr Martin Taccetti

Design Optimization for 2kA, 2MeV Diode Injector

Speaker

Yuan Hui Wu

Beam Breakup Simulation and Optimization for Induction Accelerator

Speaker

Yuan Hui Wu

The ELI-NP Gamma Beam System: a New Facility for Nuclear Physics Research - Current Status

Speaker

Dr Piotr Tracz

A new radiographic source using a plasma opening switch and plasma-filled rod-pinch diode**Speaker**

Bruce Weber

Multiple-Pulse High-Voltage Diode Isolation Testing for a Linear Induction Accelerator (LIA)**Speaker**

B Trent McCuistian

Large area plasma electron emitter: Emission behavior in long pulse electron accelerator**Speaker**

Mr Wladimir An

Emitted electron beams from velvet cathodes**Speaker**

Laurent Courtois

Monolithic Aluminum Nitride High Gradient Vacuum Insulators**Speaker**

Jon Pouncey

Electrical and X-ray diagnostics on the NSTec 2-MA dense plasma focus system**Speaker**

Mark Savage

A New Modification for RHIC Abort Kicker System**Speaker**

Jianlin Mi

Spectroscopic Comparison of Cable-Gun and Marshall-Gun Opening Switch Plasmas***Speaker**

S. L. Jackson

Upgrade of the Power Triggering System of the LHC Beam Dumping System**Speaker**

Lorane Allonneau

Status of a 140 keV electron source for high current linac**Speaker**

Dr Bruno Cassany

Modelling the mechanism of multipactor suppression through novel laser engineered structures**Speaker**

Dr Jonathan Smith

The L-3 Pulserad flash X-ray system simulation with LSP and CST PS code**Speaker**

Dr Seung Ho Han

15:00

Using a full-sine septum power supply to study the top-up orbit disturbance at Taiwan light source

Speaker

Mr Ho-Ping Chang