

Proton Accelerators for Science and Innovation Workshop



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Thursday, January 12, 2012 11:00 AM (10 minutes)

Presenter: CHATTERTON DICKSON, Robert (UK Consul General)

Session Classification: Plenary session: Introduction

Contribution ID: 1

Type: **not specified**

Origin of meeting and meeting goals

Thursday, January 12, 2012 11:10 AM (25 minutes)

Presenter: Prof. LONG, Kenneth (Imperial College London)

Session Classification: Plenary session: Introduction

Contribution ID: 2

Type: **not specified**

EMMA: Status and Prospects

Thursday, January 12, 2012 11:35 AM (25 minutes)

Presenter: Dr MACHIDA, Shinji (ASTeC STFC Rutherford Appleton Laboratory)

Session Classification: Plenary session: Introduction

Contribution ID: 3

Type: **not specified**

UK plans and goals

Thursday, January 12, 2012 1:00 PM (45 minutes)

Presenter: WOMERSLEY, John (STFC)

Session Classification: Plenary session: UK and US plans

Contribution ID: 4

Type: **not specified**

US plans and goals

Thursday, January 12, 2012 1:45 PM (45 minutes)

Presenter: Dr ODDONE, Pier (Fermilab)

Session Classification: Plenary session: UK and US plans

Contribution ID: 5

Type: **not specified**

High-Power Targets and Machine Detector Interface

Thursday, January 12, 2012 3:30 PM (20 minutes)

Presenter: Mr HURH, Patrick (FNAL)

Session Classification: Plenary session: Working group plans

Contribution ID: 6

Type: **not specified**

Applications of Proton Accelerators

Thursday, January 12, 2012 3:50 PM (20 minutes)

Presenter: Dr GOHAR, Yousry (Argonne National Laboratory)

Session Classification: Plenary session: Working group plans

Contribution ID: 7

Type: **not specified**

Introduction

Friday, January 13, 2012 9:00 AM (5 minutes)

Presenters: Prof. THOMAS, Jenny (UCL); Mr HURH, Patrick (FNAL); Dr TSCHIRHART, Robert (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 8

Type: **not specified**

Review of High Power Proton Target Challenges

Contribution ID: 9

Type: **not specified**

Thermo-Mechanical Response (simulation and failure criteria)

Presenter: TDB

Contribution ID: **10**

Type: **not specified**

Flowing Targets

Presenter: TBD

Contribution ID: 11

Type: **not specified**

Radiation Damage and Radiation Issues

Contribution ID: 12

Type: **not specified**

Review of High Power Proton Target Challenges

Contribution ID: 13

Type: **not specified**

Thermo-mechanical Response (simulation and failure criteria)

Friday, January 13, 2012 9:05 AM (25 minutes)

Presenter: Dr DAVENNE, Tristan (RAL)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 14

Type: **not specified**

Flowing Targets

Friday, January 13, 2012 9:30 AM (20 minutes)

Presenter: Mr RIEMER, Bernie (ORNL SNS)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 15

Type: **not specified**

Radiation Damage and Radiochemistry Issues

Friday, January 13, 2012 9:50 AM (30 minutes)

Presenters: Dr SIMOS, Nikolaos (BNL); Mr HURH, Patrick (FNAL)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 16

Type: **not specified**

Facility Design

Friday, January 13, 2012 10:30 AM (30 minutes)

Presenter: Mr FLETCHER, Matt (ISIS)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 17

Type: **not specified**

Radiation Protection and Licensing

Friday, January 13, 2012 11:00 AM (30 minutes)

Presenter: Dr VAZIRI, Kamran (FNAL)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: **18**

Type: **not specified**

Overview

Friday, January 13, 2012 11:30 AM (5 minutes)

Presenters: Prof. THOMAS, Jenny (UCL); Dr TSCHIRHART, Robert (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: **19**

Type: **not specified**

Neutrino (conventional)

Friday, January 13, 2012 11:35 AM (25 minutes)

Presenter: Dr ADAMSON, Phil (FNAL)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 20

Type: **not specified**

PX - Kaon, Spallation, Muon

Friday, January 13, 2012 12:00 PM (30 minutes)

Presenter: Prof. LANCASTER, Mark (UCL)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 21

Type: **not specified**

ISIS Upgrades

Friday, January 13, 2012 1:30 PM (30 minutes)

Presenters: Dr FINDLAY, David (ISIS); Mr FLETCHER, Matt (ISIS)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 22

Type: **not specified**

Nu Factory and Muon Collider

Friday, January 13, 2012 2:00 PM (30 minutes)

Presenter: Prof. MCDONALD, Kirk (Princeton)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 23

Type: **not specified**

ADS

Friday, January 13, 2012 2:30 PM (30 minutes)

Presenter: Dr HENDERSON, Stuart (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 24

Type: **not specified**

Other Application (medical/security)

Friday, January 13, 2012 3:00 PM (30 minutes)

Presenter: PEACH, Ken (University of Oxford)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 25

Type: **not specified**

Overview of Matrix

Friday, January 13, 2012 3:45 PM (15 minutes)

Presenters: Prof. THOMAS, Jenny (UCL); Mr HURH, Patrick (FNAL); Dr TSCHIRHART, Robert (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 26

Type: **not specified**

Low Z Solid Targets (Neutrino, Kaon (?), Muon)

Friday, January 13, 2012 4:00 PM (30 minutes)

Presenters: Prof. THOMAS, Jenny (UCL); Mr HURH, Patrick (FNAL); Dr TSCHIRHART, Robert (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 27

Type: **not specified**

High Z Solid Targets (Spallation, NuFact(?))

Friday, January 13, 2012 4:30 PM (30 minutes)

Presenters: Prof. THOMAS, Jenny (UCL); Mr HURH, Patrick (FNAL); Dr TSCHIRHART, Robert (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 28

Type: **not specified**

Flowing Targets (NuFact, Muon Collider, ADS)

Friday, January 13, 2012 5:00 PM (30 minutes)

Presenters: Prof. THOMAS, Jenny (UCL); Mr HURH, Patrick (FNAL); Dr TSCHIRHART, Robert (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 29

Type: **not specified**

Identification of Collaborative Opportunities

Friday, January 13, 2012 5:30 PM (30 minutes)

Presenters: Prof. THOMAS, Jenny (UCL); Mr HURH, Patrick (FNAL); Dr TSCHIRHART, Robert (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: **30**

Type: **not specified**

Identification of Collaborative Opportunities (con't)

Saturday, January 14, 2012 9:00 AM (2 hours)

Presenters: Prof. THOMAS, Jenny (UCL); Mr HURH, Patrick (FNAL); Dr TSCHIRHART, Robert (Fermilab)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: **31**

Type: **not specified**

Writing Assignments

Saturday, January 14, 2012 11:00 AM (1h 30m)

Session Classification: High Power Targets and Machine/Detector Interface Working Group

Contribution ID: 32

Type: **not specified**

Introduction to thorium/sub critical reactors

Friday, January 13, 2012 9:00 AM (30 minutes)

Presenter: CYWINSKI, Bob

Session Classification: Applications of Proton Accelerators Working Group

Contribution ID: 33

Type: **not specified**

Accelerator Challenges & ADSR work in the US

Friday, January 13, 2012 9:30 AM (30 minutes)

Presenter: Dr HENDERSON, Stuart (Fermilab)

Session Classification: Applications of Proton Accelerators Working Group

Contribution ID: 34

Type: **not specified**

Accelerator Challenges & ADSR work in the UK

Friday, January 13, 2012 10:00 AM (30 minutes)

Presenter: OWEN, Hywel

Session Classification: Applications of Proton Accelerators Working Group

Contribution ID: 35

Type: **not specified**

Introduction to Proton Ion Beam therapy & Medical accelerator work in the UK

Friday, January 13, 2012 11:30 AM (30 minutes)

Presenter: Ms SHEEHY, Suzanne (University of Oxford, John Adams Institute for Accelerator Science)

Session Classification: Applications of Proton Accelerators Working Group

Contribution ID: **36**

Type: **not specified**

Medical accelerator work in the US

Friday, January 13, 2012 12:00 PM (30 minutes)

Presenters: Dr JOHNSTONE, Carol (Fermilab); KOSCIELNIAK, Shane; TBD

Session Classification: Applications of Proton Accelerators Working Group

Contribution ID: 37

Type: **not specified**

Introduction

Friday, January 13, 2012 9:00 AM (15 minutes)

Presenters: THOMASON, John; HOLMES, Stephen (Fermilab)

Session Classification: High Power Proton Accelerators

Contribution ID: **38**

Type: **not specified**

FETS Overview

Friday, January 13, 2012 9:15 AM (15 minutes)

Presenter: LETCHFORD, Alan

Session Classification: High Power Proton Accelerators

Contribution ID: 39

Type: **not specified**

PXIE Test Facility

Friday, January 13, 2012 9:30 AM (15 minutes)

Presenter: NAGAITSEV, Sergei (FNAL)

Session Classification: High Power Proton Accelerators

Contribution ID: 40

Type: **not specified**

Discussion

Friday, January 13, 2012 9:45 AM (15 minutes)

Session Classification: High Power Proton Accelerators

Contribution ID: 41

Type: **not specified**

The ISIS Facility

Friday, January 13, 2012 10:00 AM (15 minutes)

Presenter: THOMASON, John

Session Classification: High Power Proton Accelerators

Contribution ID: 42

Type: **not specified**

SNS

Friday, January 13, 2012 10:15 AM (15 minutes)

Presenter: PLUM, Mike

Session Classification: High Power Proton Accelerators

Contribution ID: 43

Type: **not specified**

Discussion

Friday, January 13, 2012 10:30 AM (15 minutes)

Session Classification: High Power Proton Accelerators

Contribution ID: 44

Type: **not specified**

H- Ion Source Development at RAL

Friday, January 13, 2012 11:15 AM (15 minutes)

Presenter: FAIRCLOTH, Dan

Session Classification: High Power Proton Accelerators

Contribution ID: 45

Type: **not specified**

H- Source Development at FNAL

Friday, January 13, 2012 11:30 AM (15 minutes)

Presenter: BOLLINGER, Dan (FNAL Proton Source Department)

Session Classification: High Power Proton Accelerators

Contribution ID: 46

Type: **not specified**

Discussion

Friday, January 13, 2012 11:45 AM (15 minutes)

Session Classification: High Power Proton Accelerators

Contribution ID: 47

Type: **not specified**

Integrable Optics Test Accelerator

Friday, January 13, 2012 12:00 PM (15 minutes)

Presenter: VALISHEV, Alexander (Fermilab)

Session Classification: High Power Proton Accelerators

Contribution ID: 48

Type: **not specified**

Discussion (including Shinji Machida's talk 'The EMMA Experiment' from plenary session)

Friday, January 13, 2012 12:15 PM (15 minutes)

Session Classification: High Power Proton Accelerators

Contribution ID: 49

Type: **not specified**

Novel Diagnostics on FETS and ISIS

Friday, January 13, 2012 1:30 PM (15 minutes)

Presenter: POZIMSKI, Jorgen

Session Classification: High Power Proton Accelerators

Contribution ID: 50

Type: **not specified**

SRF Development at Fermilab

Friday, January 13, 2012 1:45 PM (15 minutes)

Presenter: KEPHART, Robert Kephart (FNAL)

Session Classification: High Power Proton Accelerators

Contribution ID: 51

Type: **not specified**

Discussion

Friday, January 13, 2012 2:00 PM (15 minutes)

Session Classification: High Power Proton Accelerators

Contribution ID: 52

Type: **not specified**

Proton Driver Development at RAL

Friday, January 13, 2012 2:15 PM (15 minutes)

Presenter: THOMASON, John

Session Classification: High Power Proton Accelerators

Contribution ID: 53

Type: **not specified**

Project X

Friday, January 13, 2012 2:30 PM (15 minutes)

Presenter: HOLMES, Stephen (Fermilab)

Session Classification: High Power Proton Accelerators

Contribution ID: 54

Type: **not specified**

Discussion

Friday, January 13, 2012 2:45 PM (15 minutes)

Session Classification: High Power Proton Accelerators

Contribution ID: 55

Type: **not specified**

Code Development and Simulation Studies for High Power Machines

Friday, January 13, 2012 3:00 PM (15 minutes)

Presenter: Dr MACHIDA, Shinji (ASTeC STFC Rutherford Appleton Laboratory)

Session Classification: High Power Proton Accelerators

Contribution ID: 56

Type: **not specified**

Simulation activities at Fermilab

Friday, January 13, 2012 3:15 PM (15 minutes)

Presenter: Dr SHILTSEV, Vladimir (FNAL)

Session Classification: High Power Proton Accelerators

Contribution ID: 57

Type: **not specified**

Discussion

Friday, January 13, 2012 3:30 PM (15 minutes)

Session Classification: High Power Proton Accelerators

Contribution ID: 58

Type: **not specified**

Opening and WG Guidance

Friday, January 13, 2012 9:00 AM (10 minutes)

Presenters: Dr PASTERNAK, Jaroslaw (Imperial College/RAF STFC); Dr PALMER, Mark (Cornell University)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 59

Type: **not specified**

mu2e and g-2 at FNAL

Friday, January 13, 2012 9:10 AM (30 minutes)

Presenter: Dr PREBYS, Eric (Fermilab)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: **60**

Type: **not specified**

COMET

Friday, January 13, 2012 9:40 AM (30 minutes)

Presenter: UCHIDA, Yoshi

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: **61**

Type: **not specified**

VLENF

Friday, January 13, 2012 10:10 AM (30 minutes)

Presenter: Prof. BROSS, Alan (Fermilab)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: **62**

Type: **not specified**

PRISM

Friday, January 13, 2012 11:00 AM (30 minutes)

Presenter: Dr PASTERNAK, Jaroslaw (Imperial College/RAF STFC)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 63

Type: **not specified**

Next Generation mu2e and g-2 at FNAL

Friday, January 13, 2012 11:30 AM (30 minutes)

Presenter: Dr LEBEDEV, Valeri (Fermilab)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: **64**

Type: **not specified**

IDS-NF

Friday, January 13, 2012 12:00 PM (30 minutes)

Presenter: Mr BLISS, Neil (STFC Daresbury Laboratory)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 65

Type: **not specified**

Muon Collider Options

Friday, January 13, 2012 12:30 PM (30 minutes)

Presenter: GEER, Steve (FNAL)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: **66**

Type: **not specified**

MICE 4D Cooling Program

Friday, January 13, 2012 2:00 PM (30 minutes)

Presenter: SOLER, Paul

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 67

Type: **not specified**

EMMA FFAG Demonstration

Friday, January 13, 2012 2:30 PM (30 minutes)

Presenters: Dr PASTERNAK, Jaroslaw (Imperial College/RAF STFC); Dr MACHIDA, Shinji (ASTeC STFC Rutherford Appleton Laboratory)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: **68**

Type: **not specified**

6D Cooling Options

Friday, January 13, 2012 3:00 PM (30 minutes)

Presenter: Dr PALMER, Robert B (Brookhaven National lab)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: **69**

Type: **not specified**

Discussion and Planning

Friday, January 13, 2012 4:00 PM (2 hours)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 70

Type: **not specified**

Potential Synergies To Target in the US-UK Program

Saturday, January 14, 2012 9:00 AM (30 minutes)

Presenter: Dr ZISMAN, Michael (Lawrence Berkeley National Laboratory)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 71

Type: **not specified**

Potential Synergies from the UK perspective- working title

Saturday, January 14, 2012 9:30 AM (30 minutes)

Presenter: SERYI, Andrei (SLAC)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 72

Type: **not specified**

Working Group Preliminary Summary for discussion and feedback

Saturday, January 14, 2012 10:00 AM (30 minutes)

Presenters: Dr PASTERNAK, Jaroslaw (Imperial College/RAF STFC); Dr PALMER, Mark (Cornell University)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 73

Type: **not specified**

Discussion and Documentation of Collaborative Opportunities

Saturday, January 14, 2012 11:00 AM (1h 30m)

Session Classification: Muon Accelerators for Particle Physics Working Group

Contribution ID: 74

Type: **not specified**

Summary Writing and Documenting of Collaborative Opportunities

Saturday, January 14, 2012 11:00 AM (1h 30m)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: 75

Type: **not specified**

High field dipole studies at FNAL

Friday, January 13, 2012 2:00 PM (40 minutes)

Presenter: Dr ZLOBIN, Alexander (Fermilab)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: 76

Type: **not specified**

Helical solenoids for muon colliders

Friday, January 13, 2012 2:40 PM (40 minutes)

Presenter: Dr TARTAGLIA, Michael (Fermilab Technical Division Magnet Systems Department Measurements and Analysis Group)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: 77

Type: **not specified**

The use of HTS in HEP magnets

Friday, January 13, 2012 3:50 PM (40 minutes)

Presenter: BARZI, Emanuela (Fermilab)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: 78

Type: **not specified**

European efforts towards next generation magnets

Presenter: Mr DE RIJK, Gijs (CERN)

Contribution ID: 79

Type: **not specified**

The PAMELA FFAG magnet designs

Friday, January 13, 2012 4:30 PM (40 minutes)

Presenter: WITTE, Holger

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **80**

Type: **not specified**

RAL superconducting magnet experience and capabilities

Presenter: BRADSHAW, Tom

Contribution ID: **81**

Type: **not specified**

Prospects for Induction Acceleration in FFAGs

Friday, January 13, 2012 12:10 PM (40 minutes)

Presenter: MARKS, Neil

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **82**

Type: **not specified**

Discussion and Planning

Contribution ID: **83**

Type: **not specified**

Discussion and Planning

Friday, January 13, 2012 5:10 PM (50 minutes)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **84**

Type: **not specified**

Discussion and Planning

Friday, January 13, 2012 1:30 PM (4h 30m)

Session Classification: Applications of Proton Accelerators Working Group

Contribution ID: **85**

Type: **not specified**

Discussion

Contribution ID: **86**

Type: **not specified**

Discussion

Thursday, January 12, 2012 2:30 PM (30 minutes)

Session Classification: Plenary session: UK and US plans

Contribution ID: 87

Type: **not specified**

High-power Proton Accelerators

Thursday, January 12, 2012 4:10 PM (20 minutes)

Presenter: HOLMES, Stephen (Fermilab)

Session Classification: Plenary session: Working group plans

Contribution ID: **88**

Type: **not specified**

Muon Accelerators for Particle Physics

Thursday, January 12, 2012 4:30 PM (20 minutes)

Presenter: Dr PALMER, Mark (Cornell University)

Session Classification: Plenary session: Working group plans

Contribution ID: **89**

Type: **not specified**

RF and Magnets, Fast Acceleration

Thursday, January 12, 2012 4:50 PM (20 minutes)

Presenter: CLARKE, Jim

Session Classification: Plenary session: Working group plans

Contribution ID: **90**

Type: **not specified**

Discussion

Thursday, January 12, 2012 5:10 PM (50 minutes)

Session Classification: Plenary session: Working group plans

Contribution ID: **91**

Type: **not specified**

High-power Targets and Machine Detector Interface

Saturday, January 14, 2012 1:30 PM (20 minutes)

Session Classification: Plenary session: working group reports

Contribution ID: 92

Type: **not specified**

Applications of Proton Accelerators

Saturday, January 14, 2012 1:50 PM (20 minutes)

Presenter: OWEN, Hywel

Session Classification: Plenary session: working group reports

Contribution ID: 93

Type: **not specified**

High-power Proton Accelerators

Saturday, January 14, 2012 2:10 PM (20 minutes)

Presenter: Dr THOMASON, John (STFC)

Session Classification: Plenary session: working group reports

Contribution ID: 94

Type: **not specified**

Muon Accelerators for Particle Physics

Saturday, January 14, 2012 2:30 PM (20 minutes)

Presenter: Dr PASTERNAK, Jaroslaw (Imperial College/RAF STFC)

Session Classification: Plenary session: working group reports

Contribution ID: 95

Type: **not specified**

RF and Magnets, Fast Acceleration

Saturday, January 14, 2012 2:50 PM (20 minutes)

Presenter: CLARKE, Jim

Session Classification: Plenary session: working group reports

Contribution ID: **96**

Type: **not specified**

Discussion

Saturday, January 14, 2012 3:10 PM (20 minutes)

Session Classification: Plenary session: working group reports

Contribution ID: 97

Type: **not specified**

Wrap-up and Presentation of Conclusions

Saturday, January 14, 2012 4:00 PM (1 hour)

Presenter: KIM, Young-Kee (FNAL)

Session Classification: Plenary session: wrap-up

Contribution ID: **98**

Type: **not specified**

Parallel Discussion Sessions

Friday, January 13, 2012 4:00 PM (2 hours)

Session Classification: High Power Proton Accelerators

Contribution ID: 99

Type: **not specified**

Discussion of Collaborative Opportunites

Saturday, January 14, 2012 9:00 AM (1h 30m)

Session Classification: High Power Proton Accelerators

Contribution ID: **100**

Type: **not specified**

Preparation of Working Group Presentation

Saturday, January 14, 2012 11:00 AM (1h 30m)

Session Classification: High Power Proton Accelerators

Contribution ID: **101**

Type: **not specified**

800 MeV Strong-Focusing Cyclotron

Saturday, January 14, 2012 9:00 AM (40 minutes)

Presenter: Prof. MCINTYRE, Peter (Texas A&M University)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **102**

Type: **not specified**

Advances in Proton Linac Design & Simulation

Friday, January 13, 2012 10:50 AM (40 minutes)

Presenter: Dr OSTROUMOV, Peter (Argonne National Laboratory)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **103**

Type: **not specified**

Superconducting Materials for SRF & High Field Magnets

Friday, January 13, 2012 11:30 AM (40 minutes)

Presenter: Dr COOLEY, Lance (Fermilab)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **104**

Type: **not specified**

Superconducting RF for Linear Hadron Accelerators

Friday, January 13, 2012 9:00 AM (40 minutes)

Presenter: Mr YAKOVLEV, Vyacheslav (FNAL)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **105**

Type: **not specified**

Superconducting RF Operational Experience at FNAL

Friday, January 13, 2012 9:40 AM (40 minutes)

Presenter: HARMS, Elvin (Fermilab)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **106**

Type: **not specified**

Identification of Potential Synergies

Saturday, January 14, 2012 9:40 AM (50 minutes)

Session Classification: RF and Magnets, Fast Acceleration Working Group

Contribution ID: **107**

Type: **not specified**

ADS Activity at Argonne National Laboratory

Friday, January 13, 2012 11:00 AM (30 minutes)

Presenter: Dr GOHAR, Yousry (Argonne National Laboratory)

Session Classification: Applications of Proton Accelerators Working Group