

Project X Forum on Spallation Sources for Particle Physics

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Monday, 19 March 2012 08:45 (15 minutes)

Presenter: KIM, Young-Kee (FNAL)

Session Classification: Introduction

Contribution ID: 1

Type: **not specified**

Project X Research Program

Monday, 19 March 2012 09:00 (30 minutes)

20 minute talk + 10 min. question/discussion

Presenter: Dr TSCHIRHART, Robert (Fermilab)

Session Classification: Introduction

Contribution ID: 2

Type: **not specified**

Atomic EDM Requirements

Monday, 19 March 2012 09:30 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: SAVARD, Guy (Argonne National Laboratory)

Session Classification: Next Generation Requirements

Contribution ID: 3

Type: **not specified**

Neutron EDM Requirements

Monday, 19 March 2012 09:50 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: GOLUB, Robert (North Carolina State University)

Session Classification: Next Generation Requirements

Contribution ID: 4

Type: **not specified**

Neutron-Antineutron Requirements

Monday, 19 March 2012 10:10 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: Prof. KAMYSHKOV, Yuri (University of Tennessee)

Session Classification: Next Generation Requirements

Contribution ID: 5

Type: **not specified**

SNS

Monday, 19 March 2012 11:00 (30 minutes)

20 minute talk + 10 min. question/discussion

Presenter: GABRIEL, Tony (Oak Ridge National Lab)

Session Classification: Experience

Contribution ID: 6

Type: **not specified**

LANL

Monday, 19 March 2012 11:30 (30 minutes)

20 minute talk + 10 min. question/discussion

Presenter: MUHRER, Gunter (Los Alamos National Lab)

Session Classification: Experience

Contribution ID: 7

Type: **not specified**

The Fundamental Physics Beamline at SNS

Monday, 19 March 2012 12:00 (30 minutes)

20 minute talk + 10 min. question/discussion

Presenter: GREENE, Geoffrey (University of Tennessee)

Session Classification: Experience

Contribution ID: 8

Type: **not specified**

Yield Predictions of Isotopes of Rn, Fr, Ra

Monday, 19 March 2012 14:00 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: GOMES, Itacil

Session Classification: Simulation Capabilities, Issues and Goals I

Contribution ID: 9

Type: **not specified**

ORNL/SNS

Monday, 19 March 2012 14:20 (15 minutes)

10 minute talk + 5 min. question/discussion

Presenter: GABRIEL, Tony

Session Classification: Simulation Capabilities, Issues and Goals I

Contribution ID: **10**

Type: **not specified**

LANL

Monday, 19 March 2012 14:35 (15 minutes)

10 minute talk + 5 min. question/discussion

Presenter: MUHRER, Gunter

Session Classification: Simulation Capabilities, Issues and Goals I

Contribution ID: 11

Type: **not specified**

UT

Monday, 19 March 2012 14:50 (15 minutes)

10 minute talk + 5 min. question/discussion

Presenters: TOWNSEND, Larry; Prof. KAMYSHKOV, Yuri (University of Tennessee)

Session Classification: Simulation Capabilities, Issues and Goals I

Contribution ID: 12

Type: **not specified**

NCSU

Monday, 19 March 2012 15:05 (15 minutes)

10 minute talk + 5 min. question/discussion

Session Classification: Simulation Capabilities, Issues and Goals I

Contribution ID: 13

Type: **not specified**

Discussion

Monday, 19 March 2012 15:20 (20 minutes)

Session Classification: Simulation Capabilities, Issues and Goals I

Contribution ID: 14

Type: **not specified**

FNAL Overview

Monday, 19 March 2012 16:00 (30 minutes)

20 minute talk + 10 min. question/discussion

Presenter: Dr MOKHOV, Nikolai (Fermilab)

Session Classification: Simulation Capabilities, Issues and Goals II

Contribution ID: 15

Type: **not specified**

FNAL Plans for Improving Simulation

Monday, 19 March 2012 16:30 (30 minutes)

20 minute talk + 10 min. question/discussion

Presenters: GUDIMA, Konstantin; Dr STRIGANOV, Sergei (Fermilab)

Session Classification: Simulation Capabilities, Issues and Goals II

Contribution ID: 16

Type: **not specified**

Discussion

Monday, 19 March 2012 17:00 (30 minutes)

Session Classification: Simulation Capabilities, Issues and Goals II

Contribution ID: 17

Type: **not specified**

Target and Moderator Configurations I

Tuesday, 20 March 2012 08:45 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: Prof. KAMYSHKOV, Yuri (University of Tennessee)

Session Classification: Concepts for Project X

Contribution ID: **18**

Type: **not specified**

Target and Moderator Configurations II

Tuesday, 20 March 2012 09:20 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: MUHRER, Gunter (LANL)

Session Classification: Concepts for Project X

Contribution ID: 19

Type: **not specified**

Target Configurations for Atomic EDMs

Tuesday, 20 March 2012 09:40 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: Dr NOLEN, Jerry (Argonne National Laboratory)

Session Classification: Concepts for Project X

Contribution ID: 20

Type: **not specified**

Discussion

Tuesday, 20 March 2012 10:00 (15 minutes)

Session Classification: Concepts for Project X

Contribution ID: 21

Type: **not specified**

LANL

Tuesday, 20 March 2012 10:45 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: YOUNG, Albert (North Carolina State UNiversity)

Session Classification: Spallation Test Facility Concepts

Contribution ID: 22

Type: **not specified**

LENS

Tuesday, 20 March 2012 11:05 (15 minutes)

15 minute talk + 5 min. question/discussion

Presenter: SNOW, Mike (University of Indiana)

Session Classification: Spallation Test Facility Concepts

Contribution ID: 23

Type: **not specified**

NIST

Tuesday, 20 March 2012 11:20 (30 minutes)

15 minute talk + 5 min. question/discussion

Presenter: MUMM, Pieter (NIST)

Session Classification: Spallation Test Facility Concepts

Contribution ID: 24

Type: **not specified**

PNNL

Tuesday, 20 March 2012 11:50 (20 minutes)

15 minute talk + 5 min. question/discussion

Presenter: WOOTAN, david (Pacific Northwest National Laboratory)

Session Classification: Spallation Test Facility Concepts

Contribution ID: 25

Type: **not specified**

Mechanical Engineering Challenges in a High Radiation Field: Damage, Remote Handling, Instrumentation

Tuesday, 20 March 2012 13:30 (30 minutes)

20 minute talk + 10 min. question/discussion

Presenter: Mr HURH, Patrick (FNAL)

Session Classification: Technology Issues and Challenges

Contribution ID: 26

Type: **not specified**

Moderators

Tuesday, 20 March 2012 14:00 (20 minutes)

10 minute talk + 10 min. question/discussion

Presenter: MUHRER, Gunter

Session Classification: Technology Issues and Challenges

Contribution ID: 27

Type: **not specified**

New Moderator Concepts

Tuesday, 20 March 2012 14:20 (20 minutes)

10 minute talk + 10 min. question/discussion

Presenter: SNOW, Mike (University of Indiana)

Session Classification: Technology Issues and Challenges

Contribution ID: 28

Type: **not specified**

Super Mirrors

Tuesday, 20 March 2012 14:40 (20 minutes)

10 minute talk + 10 min. question/discussion

Presenters: SHIMIZU, Hiro; SNOW, Mike (University of Indiana)

Session Classification: Technology Issues and Challenges

Contribution ID: 29

Type: **not specified**

Magnetic Shielding and Magnetometry

Tuesday, 20 March 2012 15:00 (10 minutes)

5 minute talk + 5 min. question/discussion

Presenter: SNOW, Mike

Session Classification: Technology Issues and Challenges

Contribution ID: **30**

Type: **not specified**

Radiation Heating

Tuesday, 20 March 2012 15:10 (15 minutes)

10 minute talk + 5 min. question/discussion

Presenter: HEILBRONN, Larry (University of Tennessee)

Session Classification: Technology Issues and Challenges

Contribution ID: 31

Type: **not specified**

Heat Transport and Removal

Tuesday, 20 March 2012 15:25 (15 minutes)

10 minute talk + 5 min. question/discussion

Presenter: RUGGLES, Art (University of Tennessee)

Session Classification: Technology Issues and Challenges

Contribution ID: 32

Type: **not specified**

Concepts for a Spallation Based UCN Source

Tuesday, 20 March 2012 09:05 (15 minutes)

Presenter: GOLUB, Robert (North Carolina State University)

Session Classification: Concepts for Project X