

Workshop for Applied Nuclear Data Activities (WANDA)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome & Opening Remarks

Tuesday, 22 January 2019 08:15 (15 minutes)

Presenter: Dr HALLMAN, Timothy (DOE)

Contribution ID: 1

Type: **not specified**

Meeting structure and Goals

Tuesday, 22 January 2019 08:30 (15 minutes)

Presenter: Dr BERNSTEIN, Lee (LBNL/University of California - Berkeley)

Contribution ID: 2

Type: **not specified**

Background of Collaborative Nuclear Data Activities

Tuesday, 22 January 2019 08:45 (15 minutes)

Presenter: Dr ROMANO, Catherine (ORNL)

Contribution ID: 3

Type: **not specified**

Introduction

Presenter: LEWIS, Amanda

Contribution ID: 4

Type: **not specified**

Modern Nuclear Data Evaluation Methods

Tuesday, 22 January 2019 09:45 (15 minutes)

Presenter: Prof. KONING, Arjan (IAEA)

Contribution ID: 5

Type: **not specified**

Isotope Program Needs

Tuesday, 22 January 2019 09:00 (15 minutes)

Presenter: Dr BALKIN, Ethan (DOE)

Contribution ID: 6

Type: **not specified**

Nuclear Energy Program Needs

Tuesday, 22 January 2019 09:15 (15 minutes)

Presenter: Dr CAPONITI, Alice (DOE)

Contribution ID: 7

Type: **not specified**

NRC Needs

Tuesday, 22 January 2019 09:30 (15 minutes)

Presenter: Dr CUBBAGE, Amy (NRC)

Contribution ID: 8

Type: **not specified**

Japanese Collaboration

Tuesday, 22 January 2019 10:00 (15 minutes)

Presenters: Dr RODRIGUEZ, Douglas (JAEA); Dr KOIZUMI, Mitsuo (JAEA)

Contribution ID: 9

Type: **not specified**

Criticality Safety Program Needs

Tuesday, 22 January 2019 12:00 (15 minutes)

Presenter: Dr BOWEN, Doug (ORNL)

Contribution ID: **10**

Type: **not specified**

NA-221 Overview

Tuesday, 22 January 2019 11:05 (15 minutes)

Presenter: Dr HORNBACK, Donald (DOE/NNSA)

Contribution ID: 11

Type: **not specified**

DTRA Nuclear Data Needs

Tuesday, 22 January 2019 11:40 (10 minutes)

Presenter: Dr MUELLER, Kevin (DTRA)

Contribution ID: 12

Type: **not specified**

NA-222

Tuesday, 22 January 2019 11:20 (10 minutes)

Presenter: Dr ASHENFELTER, Timothy (DOE/NNSA)

Contribution ID: 13

Type: **not specified**

Safeguards Needs

Tuesday, 22 January 2019 11:30 (10 minutes)

Presenter: Dr RAMOS, Chris (DOE/NNSA)

Contribution ID: 14

Type: **not specified**

AFTAC Needs

Tuesday, 22 January 2019 11:50 (10 minutes)

Presenter: Dr JOHNSON, William (AFTAC)

Contribution ID: 15

Type: **not specified**

NA-114

Tuesday, 22 January 2019 10:55 (10 minutes)

Presenter: Dr PELTZ, Jim (DOE/NNSA)

Contribution ID: **16**

Type: **not specified**

NA-113

Tuesday, 22 January 2019 10:45 (10 minutes)

Presenter: Dr BAILEY, Teresa (LLNL)

Contribution ID: 17

Type: **not specified**

Nuclear Data 101/The Nuclear Data Pipeline

Tuesday, 22 January 2019 13:45 (30 minutes)

Presenters: Dr BROWN, David (BNL/NNDC); Dr CONLIN, Jeremy (LANL)

Contribution ID: **18**

Type: **not specified**

NDIAWG FOA Overview

Tuesday, 22 January 2019 14:15 (15 minutes)

Presenter: Dr HALLMAN, Timothy (DOE/NP)

Contribution ID: 21

Type: **not specified**

Improving the Nuclear Data on Fission Products Decays at CARIBU

Tuesday, 22 January 2019 14:30 (15 minutes)

Presenter: Dr SAVARD, Guy (ANL)

Contribution ID: 22

Type: **not specified**

Novel Approach for Improving Antineutrino Spectral Predictions for Nonproliferation Applications

Tuesday, 22 January 2019 14:45 (15 minutes)

Presenter: Dr KONDEV, Filip (ANL)

Contribution ID: 23

Type: **not specified**

$^{238}\text{U}(\text{p},\text{xn})$ and $^{235}\text{U}(\text{d},\text{xn})$ $^{235-237}\text{Np}$ Nuclear Reaction Cross Sections Relevant to the Production of ^{236}gNp

Tuesday, 22 January 2019 15:00 (15 minutes)

Presenter: Dr FASSBENDER, Michael (LANL)

Contribution ID: 24

Type: **not specified**

State-of-the-art Gamma-ray Spectroscopy to Enhance the ENSDF

Tuesday, 22 January 2019 15:15 (10 minutes)

Presenter: Dr MCCUTCHAN, Libby (BNL/NNDC)

Contribution ID: 25

Type: **not specified**

Beta-strength function, reactor decay heat, and anti-neutrino properties from total absorption spectroscopy of fission fragments

Tuesday, 22 January 2019 15:25 (10 minutes)

Presenter: Dr RYKACZEWSKI, Krzysztof (ORNL)

Contribution ID: 26

Type: **not specified**

Improving the double-differential $^{238}\text{U}(n,n'\gamma)$ cross section using neutron-gamma coincidences

Tuesday, 22 January 2019 15:35 (10 minutes)

Presenter: BERNSTEIN, Lee (LBNL)

Contribution ID: 27

Type: **not specified**

Integral Measurements of Independent and Cumulative Fission Product Yields Supporting Nuclear Forensics and Other Applications

Tuesday, 22 January 2019 16:15 (10 minutes)

Presenter: Dr BREDEWEG, Todd (LANL)

Contribution ID: 28

Type: **not specified**

Evaluation of Energy Dependent Fission Product Yields

Tuesday, 22 January 2019 16:25 (10 minutes)

Presenter: Dr KAWANO, Toshihiko (LANL)

Contribution ID: 29

Type: **not specified**

Measurement of Independent Fission Product Yields

Tuesday, 22 January 2019 16:35 (10 minutes)

Presenter: Dr DUKE, Dana (LANL)

Contribution ID: **30**

Type: **not specified**

Independent Fission Product Yields from 0.5 to 20 MeV

Tuesday, 22 January 2019 16:45 (10 minutes)

Presenter: Dr MOSBY, Shea (LANL)

Contribution ID: 31

Type: **not specified**

Energy Dependent Fission Product Yields

Tuesday, 22 January 2019 16:55 (10 minutes)

Presenter: Dr TONCHEV, Anton (LLNL)

Contribution ID: 32

Type: **not specified**

Discussion/Q&A

Tuesday, 22 January 2019 17:05 (10 minutes)

Contribution ID: **38**

Type: **not specified**

Presentation of Key Outcomes

Thursday, 24 January 2019 13:30 (2h 15m)

Presenters: Dr REARDEN, Brad (ORNL); Dr ROMANO, Catherine (ORNL); Dr PICKETT, Christopher (ORNL); Dr BROWN, David (BNL/NNDC); Dr VERMEULEN, Etienne (LANL); Dr DESCALLE, Marie-Anne (LLNL); Dr DEVLIN, Matthew (LANL); Dr CASPERSON, Robert (LLNL)

Contribution ID: 39

Type: **not specified**

Radioactive targets for Nuclear Astrophysics experiments at LANL.

Wednesday, 23 January 2019 09:25 (15 minutes)

Presenter: Dr PERDIKAKIS, Georgios (Central Michigan University)

Session Classification: Roadmapping Session 1B

Contribution ID: 40

Type: **not specified**

Welcome to GWU

Tuesday, 22 January 2019 08:10 (5 minutes)

Presenter: Prof. MACFARLANE, Allison (GWU)

Contribution ID: 41

Type: **not specified**

Nuclear Data for Isotope Production: A Program Manager's Perspective

Wednesday, 23 January 2019 08:30 (20 minutes)

Presenter: Dr BALKIN, Ethan (DoE)

Session Classification: Roadmapping Session 1B

Contribution ID: 42

Type: **not specified**

Current status of infrastructure and capabilities for nuclear data measurements at BLIP

Wednesday, 23 January 2019 08:50 (20 minutes)

Presenter: Dr MEDVEDEV, Dmitri (BNL)

Session Classification: Roadmapping Session 1B

Contribution ID: 43

Type: **not specified**

Capabilities for Isotope Production Nuclear Data Measurements at LBNL

Wednesday, 23 January 2019 09:10 (15 minutes)

Presenter: Dr VOYLES, Andrew (UCB / LBNL)

Session Classification: Roadmapping Session 1B

Contribution ID: 44

Type: **not specified**

Argonne capabilities and needs for nuclear and atomic data related to the isotope program

Wednesday, 23 January 2019 09:40 (20 minutes)

Presenter: Dr NOLEN, Jerry (ANL)

Session Classification: Roadmapping Session 1B

Contribution ID: 45

Type: **not specified**

Activation measurements of therapeutic radionuclide excitation functions using Quasi-Monoenergetic Neutron Beams

Wednesday, 23 January 2019 10:20 (20 minutes)

Presenter: Dr ENGLE, Jonathan (University of Wisconsin - Madison)

Session Classification: Roadmapping Session 1B (continued)

Contribution ID: 46

Type: **not specified**

University of Washington Medical Cyclotron Facility (UWMCF)

Wednesday, 23 January 2019 10:40 (20 minutes)

Presenter: Dr MOFFITT, Gregory (University of Washington)

Session Classification: Roadmapping Session 1B (continued)

Contribution ID: 47

Type: **not specified**

Atomic and Nuclear Data for Auger emitters

Wednesday, 23 January 2019 11:00 (20 minutes)

Presenter: Dr HOWELL, Roger (Rutgers University)

Session Classification: Roadmapping Session 1B (continued)

Contribution ID: 48

Type: **not specified**

Growth and Potential Isotope Needs in Medicine

Wednesday, 23 January 2019 11:20 (20 minutes)

Presenter: Dr ROBERT, Hobbs (Johns Hopkins Medicine)

Session Classification: Roadmapping Session 1B (continued)

Contribution ID: 49

Type: **not specified**

Wrap-Up Discussion

Wednesday, 23 January 2019 11:40 (20 minutes)

Session Classification: Roadmapping Session 1B (continued)

Contribution ID: 50

Type: **not specified**

General overview of ENDF atomic data libraries

Thursday, 24 January 2019 08:30 (10 minutes)

Presenter: Dr BROWN, David (BNL)

Session Classification: Roadmapping Session 3B

Contribution ID: 51

Type: **not specified**

IAEA support of atomic data

Thursday, 24 January 2019 08:40 (10 minutes)

Presenter: Dr KONING, Arjan (IAEA)

Session Classification: Roadmapping Session 3B

Contribution ID: 52

Type: **not specified**

NIST atomic data capabilities

Thursday, 24 January 2019 08:50 (10 minutes)

Presenter: Dr RALCHENKO, Yuri (NIST)

Session Classification: Roadmapping Session 3B

Contribution ID: 53

Type: **not specified**

Atomic data support in EXFOR

Thursday, 24 January 2019 09:00 (10 minutes)

Presenter: Dr PRITYCHENKO, Boris (BNL)

Session Classification: Roadmapping Session 3B

Contribution ID: 54

Type: **not specified**

GNDS implementation of atomic data

Thursday, 24 January 2019 09:10 (10 minutes)

Presenter: Dr DESCALLE, Marie-Anne (LLNL)

Session Classification: Roadmapping Session 3B

Contribution ID: 55

Type: **not specified**

Atomic data in Monte Carlo transport codes and their validation

Thursday, 24 January 2019 09:20 (10 minutes)

Presenter: Dr PIA, Maria Grazia (INFN)

Session Classification: Roadmapping Session 3B

Contribution ID: 56

Type: **not specified**

SNL electron and photon scattering data use at Sandia

Thursday, 24 January 2019 09:30 (10 minutes)

Presenters: Dr FRANKE, Brian (SNL); Dr DRUMM, Clif (SNL)

Session Classification: Roadmapping Session 3B

Contribution ID: 57

Type: **not specified**

LLNL capabilities and needs

Thursday, 24 January 2019 09:40 (10 minutes)

Presenters: Dr JURGENSON, Eric (LLNL); Dr THOMPSON, Ian (LLNL); Dr KRUSE, Michael (LLNL); Dr LIBBY, Steve (LLNL)

Session Classification: Roadmapping Session 3B

Contribution ID: 58

Type: **not specified**

Atomic data needs for ENSDF & decay data

Thursday, 24 January 2019 09:50 (10 minutes)

Presenter: Dr SONZOGNI, Alejandro (BNL)

Session Classification: Roadmapping Session 3B

Contribution ID: 59

Type: **not specified**

Atomic data needs for safeguards

Thursday, 24 January 2019 10:20 (10 minutes)

Presenter: Dr CROFT, Steven (ORNL)

Session Classification: Roadmapping Session 3B (continued)

Contribution ID: 60

Type: **not specified**

PyXRF and related XRF analysis codes at light sources

Thursday, 24 January 2019 10:30 (10 minutes)

Presenters: Dr KISS, Andrew (BNL); Dr CAMPBELL, Stewart (BNL)

Session Classification: Roadmapping Session 3B (continued)

Contribution ID: **61**

Type: **not specified**

Discussion

Thursday, 24 January 2019 10:40 (1 hour)

Session Classification: Roadmapping Session 3B (continued)

Contribution ID: **62**

Type: **not specified**

Drafting of Close-out Talk

Thursday, 24 January 2019 11:40 (20 minutes)

Session Classification: Roadmapping Session 3B (continued)

Contribution ID: 63

Type: **not specified**

Introduction: Nuclear Data Needs for Nuclear Energy Applications

Wednesday, 23 January 2019 08:30 (20 minutes)

Presenter: Dr REARDEN, Bradley (ORNL)

Session Classification: Roadmapping Session 1A

Contribution ID: 64

Type: **not specified**

Nuclear Data Needs for Spent Fuel Dry Storage and Radioactive Materials Transportation

Wednesday, 23 January 2019 08:50 (15 minutes)

Presenter: Dr BARTO, Drew (NRC)

Session Classification: Roadmapping Session 1A

Contribution ID: 65

Type: **not specified**

Recent LWR Systems Analysis Research Projects at the USNRC

Wednesday, 23 January 2019 09:05 (20 minutes)

Presenter: Dr YARSKY, Pete (NRC)

Session Classification: Roadmapping Session 1A

Contribution ID: **66**

Type: **not specified**

Fission and Nuclear Data

Thursday, 24 January 2019 16:15 (30 minutes)

Presenter: Dr SONZOGNI, Alejandro (BNL/NNDC)

Session Classification: Q&A and Closeout

Contribution ID: 67

Type: **not specified**

Final Discussions

Thursday, 24 January 2019 16:45 (15 minutes)

Presenters: Dr HORNBACK, Donald (DOE/NNSA); Dr HALLMAN, Timothy (DOE/NP)

Session Classification: Q&A and Closeout

Contribution ID: **68**

Type: **not specified**

Introduction and Guidelines

Wednesday, 23 January 2019 13:15 (10 minutes)

Presenter: Dr ROMANO, Catherine (ORNL)

Session Classification: Roadmapping Session 2A - Materials Damage

Contribution ID: 69

Type: **not specified**

Nuclear Data Needs for High Temperature Gas-cooled Reactors

Wednesday, 23 January 2019 09:40 (15 minutes)

Presenter: Dr MULDER, Eben (X-energy)

Session Classification: Roadmapping Session 1A

Contribution ID: 70

Type: **not specified**

Nuclear Data Needs Assessment for Advanced Nuclear System: History and Update

Presenter: Dr PALMIOTTI, Giuseppe (INL)

Contribution ID: 71

Type: **not specified**

Materials Issues for Non-light Water Reactors

Wednesday, 23 January 2019 13:25 (15 minutes)

Presenter: Dr IYENGAR, Raj (NRC)

Session Classification: Roadmapping Session 2A - Materials Damage

Contribution ID: 72

Type: **not specified**

Materials Issues for Fusion Systems

Wednesday, 23 January 2019 13:40 (15 minutes)

Presenter: Dr CLARK, Daniel (Office of Science, Fusion)

Session Classification: Roadmapping Session 2A - Materials Damage

Contribution ID: 73

Type: **not specified**

IAEA work on primary radiation damage cross sections

Wednesday, 23 January 2019 13:55 (15 minutes)

Presenter: Prof. KONING, Arjan (IAEA)

Session Classification: Roadmapping Session 2A - Materials Damage

Contribution ID: 74

Type: **not specified**

IAEA CRP on Primary Radiation Damage and SPECTER

Wednesday, 23 January 2019 14:40 (15 minutes)

Presenter: Dr GREENWOOD, Larry (PNNL)

Session Classification: Roadmapping Session 2A - Materials Damage

Contribution ID: 75

Type: **not specified**

Damage Correlation: Exposure vs. Material Damage

Presenter: Dr STOLLER, Roger (ORNL)

Contribution ID: 76

Type: **not specified**

Activation and Damage Cross Sections in Use for EUROFusion Fusion Nuclear Technology

Wednesday, 23 January 2019 16:00 (15 minutes)

Presenter: Dr GROVE, Robert (ORNL)

Session Classification: Roadmapping Session 2A (continued)

Contribution ID: 77

Type: **not specified**

Neutron Dosimetry with STAYSL for Materials Irradiations and the IAEA CRP on IRDFF

Wednesday, 23 January 2019 15:45 (15 minutes)

Presenter: Dr GREENWOOD, Larry (PNNL)

Session Classification: Roadmapping Session 2A (continued)

Contribution ID: 78

Type: **not specified**

Materials irradiations in HFIR

Presenter: Dr ROMANO, Catherine (ORNL)

Contribution ID: 79

Type: **not specified**

Materials Damage Characterization

Wednesday, 23 January 2019 15:30 (15 minutes)

Presenter: Dr HOSEMANN, Peter (UC Berkeley)

Session Classification: Roadmapping Session 2A (continued)

Contribution ID: **80**

Type: **not specified**

The Impact of ENDF/B-VIII.0 and FENDL-3.1d on Fusion Neutronics Calculations

Wednesday, 23 January 2019 14:10 (15 minutes)

Presenter: Dr BOHM, Tim (Univ. Wisc.-Madison)

Session Classification: Roadmapping Session 2A - Materials Damage

Contribution ID: **81**

Type: **not specified**

Damage Correlation: Exposure Vs. Material Damage

Wednesday, 23 January 2019 15:15 (15 minutes)

Presenter: Dr STOLLER, Roger (ORNL)

Session Classification: Roadmapping Session 2A (continued)

Contribution ID: **82**

Type: **not specified**

Fusion Nuclear Science Facility

Wednesday, 23 January 2019 14:25 (15 minutes)

Presenter: Dr KESSEL, Charles (ORNL)

Session Classification: Roadmapping Session 2A - Materials Damage

Contribution ID: 83

Type: **not specified**

Using Heavy Ion Beams to Study Radiation Damage in Fuel Elements and Structural Materials for Reactors

Wednesday, 23 January 2019 16:15 (15 minutes)

Presenter: Dr NOLEN, Jerry (ANL)

Session Classification: Roadmapping Session 2A (continued)

Contribution ID: **84**

Type: **not specified**

Advanced Reactor Design and Analysis

Wednesday, 23 January 2019 10:20 (15 minutes)

Presenter: Dr TOURAN, Nicholas (TerraPower)

Session Classification: Roadmapping Session 1A (continued)

Contribution ID: 85

Type: **not specified**

Nuclear Data Needs for Current and Future Nuclear Energy Systems

Wednesday, 23 January 2019 10:35 (15 minutes)

Presenter: Dr LEVINSKY, Alex (Westinghouse)

Session Classification: Roadmapping Session 1A (continued)

Contribution ID: 86

Type: **not specified**

Impact of Nuclear Data on the Design of Fluoride Cooled Reactors

Wednesday, 23 January 2019 10:50 (15 minutes)

Presenter: Dr FRATONI, Massimiliano (UC Berkeley/Kairos Power)

Session Classification: Roadmapping Session 1A (continued)

Contribution ID: 87

Type: **not specified**

The Status of Nuclear Data Uncertainty Libraries and the Problem of Too Small Uncertainties on Differential Data and Too Large Uncertainties on Integral Data

Wednesday, 23 January 2019 11:25 (15 minutes)

Presenter: Dr SOBES, Vladimir (ORNL)

Session Classification: Roadmapping Session 1A (continued)

Contribution ID: **88**

Type: **not specified**

Thermal Scattering Law Data for Advanced Reactor Applications

Wednesday, 23 January 2019 11:40 (15 minutes)

Presenter: Dr HAWARI, Ayman (NCSU)

Session Classification: Roadmapping Session 1A (continued)

Contribution ID: **89**

Type: **not specified**

Discussion

Wednesday, 23 January 2019 11:55 (5 minutes)

Presenters: Dr REARDEN, Bradley (ORNL); MATTHEWS, Eric

Session Classification: Roadmapping Session 1A (continued)

Contribution ID: **90**

Type: **not specified**

Applied Sensitivity Studies

Thursday, 24 January 2019 08:30 (10 minutes)

Presenter: Dr CASPERSON, Robert (LLNL)

Session Classification: Roadmapping Session 3A

Contribution ID: **91**

Type: **not specified**

LLNL Nuclear Data Survey

Thursday, 24 January 2019 08:40 (5 minutes)

Presenter: Dr BAILEY, Teresa (LLNL)

Session Classification: Roadmapping Session 3A

Contribution ID: 92

Type: **not specified**

Covariance availability for neutron reaction data

Thursday, 24 January 2019 08:45 (5 minutes)

Presenter: Dr THOMPSON, Ian (LLNL)

Session Classification: Roadmapping Session 3A

Contribution ID: 93

Type: **not specified**

Integral Criticality Benchmarks and Nuclear Data

Thursday, 24 January 2019 08:50 (5 minutes)

Presenter: Dr PERCHER, Catherine (LLNL)

Session Classification: Roadmapping Session 3A

Contribution ID: 94

Type: **not specified**

LANL Light Element Evaluations

Thursday, 24 January 2019 08:55 (5 minutes)

Presenter: Dr PARIS, Mark (Los Alamos National Laboratory)

Session Classification: Roadmapping Session 3A

Contribution ID: 95

Type: **not specified**

Evaluation Discussion

Thursday, 24 January 2019 09:00 (20 minutes)

Session Classification: Roadmapping Session 3A

Contribution ID: 96

Type: **not specified**

GENESIS for Low-z

Thursday, 24 January 2019 09:20 (5 minutes)

Presenter: Dr BLEUEL, Darren (LLNL)

Session Classification: Roadmapping Session 3A

Contribution ID: 97

Type: **not specified**

Inelastic Scattering with a Segmented Neutron/Gamma Calorimeter

Thursday, 24 January 2019 09:25 (5 minutes)

Presenter: Dr CASPERSON, Robert (LLNL)

Session Classification: Roadmapping Session 3A

Contribution ID: **98**

Type: **not specified**

A 4-pi array for the inelastic scattering study

Thursday, 24 January 2019 09:30 (5 minutes)

Presenter: Dr WU, Ching-Yen (LLNL)

Session Classification: Roadmapping Session 3A

Contribution ID: 99

Type: **not specified**

Uncertainties in Neutron Scattering Cross Sections

Thursday, 24 January 2019 09:35 (5 minutes)

Presenter: Dr DEVLIN, Matthew (LANL)

Session Classification: Roadmapping Session 3A

Contribution ID: **100**

Type: **not specified**

UMass Lowell Capabilities

Thursday, 24 January 2019 09:40 (5 minutes)

Presenter: Dr DEVLIN, Matthew (LANL)

Session Classification: Roadmapping Session 3A

Contribution ID: **101**

Type: **not specified**

Matt Devlin

Contribution ID: **102**

Type: **not specified**

Yaron Danon

Contribution ID: **103**

Type: **not specified**

Scattering Discussion

Thursday, 24 January 2019 10:20 (30 minutes)

Session Classification: Roadmapping Session 3A (continued)

Contribution ID: **104**

Type: **not specified**

Advancing Neutron Capture at LANSCE

Thursday, 24 January 2019 10:50 (10 minutes)

Presenter: Dr COUTURE, Aaron (LANL)

Session Classification: Roadmapping Session 3A (continued)

Contribution ID: **105**

Type: **not specified**

Surrogate Cross Section Experiments

Thursday, 24 January 2019 11:10 (5 minutes)

Presenter: Dr BURKE, Jason (LLNL)

Session Classification: Roadmapping Session 3A (continued)

Contribution ID: 106

Type: **not specified**

Capabilities to address cross section needs for reactions on unstable nuclei

Thursday, 24 January 2019 11:00 (10 minutes)

Presenter: Dr ESCHER, Jutta (LLNL)

Session Classification: Roadmapping Session 3A (continued)

Contribution ID: **107**

Type: **not specified**

Measuring (n,f) and (n,z) Reactions with the fissionTPC

Thursday, 24 January 2019 11:15 (5 minutes)

Presenter: Dr SNYDER, Luke (LLNL)

Session Classification: Roadmapping Session 3A (continued)

Contribution ID: 108

Type: **not specified**

High quality (n,p) and (n,a) data using LENZ at LANSCE Microscopic E,J, π -dependent level densities for applications and basic science.

Thursday, 24 January 2019 11:20 (5 minutes)

Presenter: Dr PERDIKAKIS, Georgios (Central Michigan University)

Session Classification: Roadmapping Session 3A (continued)

Contribution ID: **109**

Type: **not specified**

An Intense Neutron Source at FRIB

Thursday, 24 January 2019 11:25 (5 minutes)

Presenter: Dr SMITH, Michael (ORNL)

Session Classification: Roadmapping Session 3A (continued)

Contribution ID: **110**

Type: **not specified**

Capture, (n,2n), (n,z) Discussion

Thursday, 24 January 2019 11:30 (30 minutes)

Session Classification: Roadmapping Session 3A (continued)

Contribution ID: 111

Type: **not specified**

The Gaerttner LINAC Center 1 Overview Of Experimental Nuclear Data Capabilities at RPI

Thursday, 24 January 2019 09:45 (10 minutes)

Presenter: Dr DANON, Yaron (RPI)

Session Classification: Roadmapping Session 3A

Contribution ID: 112

Type: **not specified**

Defining the Need

Wednesday, 23 January 2019 13:15 (20 minutes)

Presenter: Dr PICKETT, Christopher (NNSA)

Session Classification: Roadmapping Session 2B - Safeguards

Contribution ID: 113

Type: **not specified**

Destructive Analyses Methods & Nuclear Data Needs

Wednesday, 23 January 2019 13:35 (20 minutes)

Presenter: Dr TICKNOR, Brian

Session Classification: Roadmapping Session 2B - Safeguards

Contribution ID: 114

Type: **not specified**

Nondestructive Analysis Methods & Nuclear Data Needs

Wednesday, 23 January 2019 13:55 (20 minutes)

Presenters: Dr FAVALLI, Andrea (LANL); Dr CROFT, Stephen (ORNL)

Session Classification: Roadmapping Session 2B - Safeguards

Contribution ID: 115

Type: **not specified**

Brainstorming, Prioritizing, and Summarizing

Wednesday, 23 January 2019 14:15 (40 minutes)

Presenter: MATTHEWS, Eric

Session Classification: Roadmapping Session 2B - Safeguards

Contribution ID: 116

Type: **not specified**

Brainstorming, Prioritizing, and Summarizing

Wednesday, 23 January 2019 15:15 (1h 45m)

Presenter: MATTHEWS, Eric

Session Classification: Roadmapping Session 2B - Safeguards

Contribution ID: 117

Type: **not specified**

Nuclear Data Needs Assessment for Advanced Nuclear System: History and Update

Wednesday, 23 January 2019 11:05 (20 minutes)

Presenter: Dr PALMIOTTI, Giuseppe (INL)

Session Classification: Roadmapping Session 1A (continued)

Contribution ID: **118**

Type: **not specified**

Data Challenges for Advanced Reactor Licensing

Wednesday, 23 January 2019 09:25 (15 minutes)

Presenter: Dr DRZEWIECKI, Timothy (NRC)

Session Classification: Roadmapping Session 1A

Contribution ID: **119**

Type: **not specified**

Discussion

Wednesday, 23 January 2019 09:55 (5 minutes)

Presenter: MATTHEWS, Eric (UC Berkeley)

Session Classification: Roadmapping Session 1A

Contribution ID: 120

Type: **not specified**

Neutron Experiments at Edwards Accelerator Laboratory at Ohio State

Thursday, 24 January 2019 09:55 (5 minutes)

Presenter: VOINOV, Alexander (Ohio U)

Session Classification: Roadmapping Session 3A

Contribution ID: **121**

Type: **not specified**

Opening