

J-PARC Symposium 2019



Report of Contributions

Contribution ID: 0

Type: **not specified**

大強度陽子ビームで未来を加速する

Monday, September 23, 2019 10:00 AM (1 hour)

Presenter: SAITO, Naohito (J-PARC Center / University of Tokyo)

Contribution ID: 1

Type: **not specified**

なぜ私たちは宇宙で生まれたのか

Monday, September 23, 2019 11:00 AM (1 hour)

Presenter: MURAYAMA, Hitoshi (Kavli IPMU, University of Tokyo, University of California, Berkeley)

Contribution ID: 2

Type: **not specified**

物質と生命をつなぐ分子のオーケストレーション

Monday, September 23, 2019 1:30 PM (1 hour)

Presenter: KATO, Koichi (Exploratory Research Center on Life and Living System, National Institute of Natural Sciences)

Contribution ID: 3

Type: **not specified**

量子ビームでこれまでのタイヤ材料開発の常識が変わ
る — 次世代タイヤ開発を目指して

Monday, September 23, 2019 2:30 PM (1 hour)

Presenter: KISHIMOTO, Hiroyuki (Chemical Analysis Center, Sumitomo Rubber Industries, Ltd.)

Contribution ID: 4

Type: **not specified**

姿を変えるニュートリノ

Monday, September 23, 2019 3:30 PM (1 hour)

Presenter: KAJITA, Takaaki (Institute for Cosmic Ray Research, University of Tokyo)

Contribution ID: 5

Type: **not specified**

coffee break

Contribution ID: 6

Type: **not specified**

Huizhou Nuclear Research Center in 2019 (invited)

Wednesday, September 25, 2019 1:30 PM (35 minutes)

Presenter: ZHAN, Wenlong (Institute of Modern Physics, CAS)

Session Classification: ADS

Contribution ID: 7

Type: **not specified**

Story of Little Neutral Particles

Tuesday, September 24, 2019 9:40 AM (45 minutes)

Presenter: OOGURI, Hiroshi (Kavli IPMU, University of Tokyo)

Session Classification: Plenary

Contribution ID: 8

Type: **not specified**

**Spin-hedgehog lattice states in cubic chiral magnets
 $\text{MnSi}_{1-x}\text{Ge}_x$ investigated by
small- and wide-angle neutron scattering and
neutron spin echo spectroscopy (invited)**

Wednesday, September 25, 2019 10:40 AM (30 minutes)

Presenter: NAKAJIMA, Taro (The University of Tokyo, RIKEN)

Session Classification: MLF-MT

Contribution ID: 9

Type: **not specified**

Fractionalized Spin Excitations in Spin-1/2 Triangular- and Kagome-Lattice Antiferromagnets (invited)

Wednesday, September 25, 2019 11:10 AM (30 minutes)

Presenter: TANAKA, Hidekazu (Tokyo Institute of Technology)

Session Classification: MLF-MT

Contribution ID: 10

Type: **not specified**

**Hybridized magnon with orbital and lattice in
multiferroics
 $\text{Ba}_2\text{MnGe}_2\text{O}_7$**

Wednesday, September 25, 2019 11:40 AM (20 minutes)

Presenter: MASUDA, Takatsugu (The University of Tokyo)

Session Classification: MLF-MT

Contribution ID: 11

Type: **not specified**

Magnetism in Kagome Antiferromagnet $\text{MgMn}_3(\text{OH})_6\text{Cl}_2$

Wednesday, September 25, 2019 12:00 PM (20 minutes)

Presenter: BHUIYAN, Md. Mahbubur Rahman (Saga University)

Session Classification: MLF-MT

Contribution ID: 12

Type: **not specified**

Irradiation Experiments on ^{237}Np and ^{241}Am by Accelerator-Driven System at Kyoto University Critical Assembly (invited)

Wednesday, September 25, 2019 2:05 PM (35 minutes)

Presenter: PYEON, Cheol Ho (Kyoto Univ.)

Session Classification: ADS

Contribution ID: 13

Type: **not specified**

Plans for a Second Target Station at the Spallation Neutron Source (invited)

Wednesday, September 25, 2019 10:40 AM (10 minutes)

Presenter: MURDOCH, Graema R. (Oak Ridge National Laboratory)

Session Classification: MLF-FP

Contribution ID: 14

Type: **not specified**

ISIS - from TS1 to TS2 to ISIS-II (invited)

Wednesday, September 25, 2019 10:50 AM (10 minutes)

Presenter: MCGREEVY, Robert (Science & Technology Facilities Council, Rutherford Appleton Laboratory)

Session Classification: MLF-FP

Contribution ID: 15

Type: **not specified**

Future plans for the European Spallation Source (invited)

Wednesday, September 25, 2019 11:00 AM (10 minutes)

Presenter: KENNEDY, Shane (ESS-ERIC)

Session Classification: MLF-FP

Contribution ID: 16

Type: **not specified**

Institute Laue Langevin - Endurance programme (invited)

Wednesday, September 25, 2019 11:10 AM (10 minutes)

Presenter: ESTRADE, Jérôme (Institute Laue Langevin)

Session Classification: MLF-FP

Contribution ID: 17

Type: **not specified**

Expansion Plans for the OPAL Reactor (invited)

Wednesday, September 25, 2019 11:20 AM (10 minutes)

Presenter: SCHULZ, Jamie (ANSTO)

Session Classification: MLF-FP

Contribution ID: 18

Type: **not specified**

Towards to the construction of J-PARC MLF 2nd Target Station (invited)

Wednesday, September 25, 2019 11:30 AM (10 minutes)

Presenters: SHIMOMURA, Koichiro (J-PARC Center); KANAYA, Toshiji (J-PARC Center)

Session Classification: MLF-FP

Contribution ID: 19

Type: **not specified**

Future Developments of the SμS Facility at the Paul Scherrer Institute (invited)

Wednesday, September 25, 2019 11:40 AM (10 minutes)

Presenter: AMATO, Alex (Paul Scherrer Institute)

Session Classification: MLF-FP

Contribution ID: 20

Type: **not specified**

Future plans of the TRIUMF Centre for Molecular and Materials Science (invited)

Wednesday, September 25, 2019 11:50 AM (10 minutes)

Presenter: KOJIMA, Kenji (TRIUMF)

Session Classification: MLF-FP

Contribution ID: 21

Type: **not specified**

A Plan of Materials Irradiation Facility at J-PARC for Development of ADS and High-power Accelerator Facilities

Wednesday, September 25, 2019 2:40 PM (20 minutes)

Presenter: MAEKAWA, Fujio (J-PARC Center, JAEA)

Session Classification: ADS

Contribution ID: 22

Type: **not specified**

Panel Discussion

Wednesday, September 25, 2019 12:00 PM (30 minutes)

Session Classification: MLF-FP

Contribution ID: 23

Type: **not specified**

Status of LBE studies and experimental plan at JAEA

Wednesday, September 25, 2019 3:00 PM (20 minutes)

Presenter: SAITO, Shigeru (J-PARC Center, JAEA)

Session Classification: ADS

Contribution ID: 24

Type: **not specified**

Topological magnetic excitations and magnetic anisotropy in ferromagnetic CrI₃ (invited)

Wednesday, September 25, 2019 1:30 PM (25 minutes)

Presenter: DAI, Pencheng (Rice University)

Session Classification: MLF-SP

Contribution ID: 25

Type: **not specified**

Black is the new green –making carbon battery anodes from biowaste (invited)

Wednesday, September 25, 2019 1:55 PM (25 minutes)

Presenter: DREW, Alan (Queen Mary University of London)

Session Classification: MLF-SP

Contribution ID: 26

Type: **not specified**

Insights into caloric materials: a neutron scattering study (invited)

Wednesday, September 25, 2019 2:20 PM (25 minutes)

Presenter: LI, Bing (Chinese Academy of Sciences)

Session Classification: MLF-SP

Contribution ID: 27

Type: **not specified**

Dynamics of macromolecules: state of the art and future perspectives (invited)

Wednesday, September 25, 2019 2:45 PM (25 minutes)

Presenter: RICHTER, Dieter (Jülich Center for Neutron Science)

Session Classification: MLF-SP

Contribution ID: 28

Type: **not specified**

Current Status in J-PARC MLF (invited)

Wednesday, September 25, 2019 3:40 PM (30 minutes)

Presenter: KANAYA, Toshiji (J-PARC Center)

Session Classification: MLF-OV

Contribution ID: 29

Type: **not specified**

Current status of Muon Science Facility (invited)

Wednesday, September 25, 2019 4:10 PM (30 minutes)

Presenter: KAWAMURA, Naritoshi (KEK-IMSS)

Session Classification: MLF-OV

Contribution ID: 30

Type: **not specified**

Present Status of Neutron Source at J-PARC MLF (invited)

Wednesday, September 25, 2019 4:40 PM (30 minutes)

Presenter: HAGA, Katsuhiko (J-PARC Center)

Session Classification: MLF-OV

Contribution ID: **31**

Type: **not specified**

J-PARC MLF Users Society (invited)

Wednesday, September 25, 2019 5:10 PM (20 minutes)

Presenter: KUBO, Kenya (International Christian University)

Session Classification: MLF-OV

Contribution ID: 32

Type: **not specified**

Muon $g-2$ in Two Higgs Doublet Models at the LHC (invited)

Wednesday, September 25, 2019 3:40 PM (20 minutes)

Presenter: TAKEUCI, Michihisa (Nagoya University)

Session Classification: MLF/PN

Contribution ID: 33

Type: **not specified**

The Muon g-2 Experiment at Fermilab (invited)

Wednesday, September 25, 2019 4:00 PM (20 minutes)

Presenter: KESHAVARZI, Alex (The University of Mississippi)

Session Classification: MLF/PN

Contribution ID: 34

Type: **not specified**

J-PARC muon $g-2$ /EDM experiment (invited)

Wednesday, September 25, 2019 4:20 PM (20 minutes)

Presenter: SATO, Yutaro (KEK)

Session Classification: MLF/PN

Contribution ID: 35

Type: **not specified**

Muonium Hyperfine Structure Measurement in a Zero/High Magnetic Field at J-PARC (invited)

Wednesday, September 25, 2019 4:40 PM (20 minutes)

Presenter: NISHIMURA, Shoichiro (KEK)

Session Classification: MLF/PN

Contribution ID: 36

Type: **not specified**

Laser spectroscopy of the 1s hyperfine splitting energy of muonic hydrogen for the determination of proton Zemach radius (invited)

Wednesday, September 25, 2019 5:00 PM (20 minutes)

Presenter: ISHIDA, Katsuhiko (RIKEN)

Session Classification: MLF/PN

Contribution ID: 37

Type: **not specified**

Hybridization and Decay of Magnetic Excitations in Two-Dimensional Triangular Lattice Antiferromagnets (invited)

Thursday, September 26, 2019 10:40 AM (30 minutes)

Presenter: PARK, Je-Geun (Seoul National University)

Session Classification: MLF-SC

Contribution ID: 38

Type: **not specified**

**Broken
time-reversal symmetry in superconducting Pr_{1-x}La_xPt₄Ge₁₂
(invited)**

Thursday, September 26, 2019 11:10 AM (30 minutes)

Presenter: SHU, Lei (Fudan University)

Session Classification: MLF-SC

Contribution ID: 39

Type: **not specified**

[Cancel] Spin orbit coupling and “preferred” magnetic excitations in iron based superconductors (invited)

Thursday, September 26, 2019 11:40 AM (30 minutes)

Presenter: LI, Yuan (Peking University)

Session Classification: MLF-SC

Contribution ID: 40

Type: **not specified**

**Hole and Electron Doping Effect on the Magnetism
in the Ce Free Superconductor $T'-\text{La}_{1.8-x}\text{Eu}_{0.2}\text{Sr}_x\text{CuO}_{4-y}\text{F}_y$**

Thursday, September 26, 2019 12:10 PM (20 minutes)

Presenter: KAWAMATA, Takayuki (Tohoku University)

Session Classification: MLF-SC

Contribution ID: 41

Type: **not specified**

The LHC Cryogenics System at CERN and Operational Experience from the last 4-years physics Run2 (2015-2018)(invited)

Wednesday, September 25, 2019 10:40 AM (30 minutes)

Primary author: DELIKARIS, Dimitri (CERN)

Presenter: DELIKARIS, Dimitri (CERN)

Session Classification: CRY

Contribution ID: 42

Type: **not specified**

Cryogenic activities in RIKEN RI beam factory (invited)

Wednesday, September 25, 2019 11:10 AM (30 minutes)

Primary author: OKUNO, Hiroki (RIKEN, Nishina Center)

Presenter: OKUNO, Hiroki (RIKEN, Nishina Center)

Session Classification: CRY

Contribution ID: 43

Type: **not specified**

Licensing and current status of the High Current Superconducting Cavities for the IFMIF Prototype Accelerator (invited)

Wednesday, September 25, 2019 11:40 AM (30 minutes)

Primary author: KASUGAI, Atsushi (QST, Rokkasho Fusion Institute)

Presenter: KASUGAI, Atsushi (QST, Rokkasho Fusion Institute)

Session Classification: CRY

Contribution ID: 44

Type: **not specified**

Muon- and Neutron-Induced Single-Event Upsets in 65-nm Static Random Access Memories (invited)

Thursday, September 26, 2019 10:40 AM (30 minutes)

Presenter: WATANABE, Yukinobu (Kyushu University)

Session Classification: MLF-IN

Contribution ID: 45

Type: **not specified**

Research of Energy Materials with Muons in J-PARC (invited)

Thursday, September 26, 2019 11:10 AM (30 minutes)

Presenter: UMEGAKI, Izumi (Toyota Central Research and Development Laboratories, Inc)

Session Classification: MLF-IN

Contribution ID: 46

Type: **not specified**

Magnetic Field Dependence on Crystallization Process of FINEMET[®] Nano-crystalline Alloy Detected by μ SR Method

Thursday, September 26, 2019 11:40 AM (20 minutes)

Presenter: OHTA, Motoki (Hitachi Metals)

Session Classification: MLF-IN

Contribution ID: 47

Type: **not specified**

Structural Analysis of Polybutadienes with Urethane Linkages by Small Angle Neutron Scattering

Thursday, September 26, 2019 12:00 PM (20 minutes)

Presenter: SHODA, Yasuhiro (Bridgestone Corporation)

Session Classification: MLF-IN

Contribution ID: 48

Type: **not specified**

ESS Path to Low-Dimensional Moderators and Beyond (invited)

Thursday, September 26, 2019 10:40 AM (30 minutes)

Presenter: TAKIBAYEV, Alan (ESS-ERIC)

Session Classification: MLF-MO

Contribution ID: 49

Type: **not specified**

Moderator Choices for SNS Second Target Station (STS) (invited)

Thursday, September 26, 2019 11:10 AM (30 minutes)

Presenter: GALLMERIER, Franz X. (SNS, Ork Ridge National Laboratory)

Session Classification: MLF-MO

Contribution ID: 50

Type: **not specified**

The pelletized cold neutron moderators at the IBR-2 reactor (invited)

Thursday, September 26, 2019 11:40 AM (30 minutes)

Presenter: KULLIKOV, Sergey (JINR, FLNP)

Session Classification: MLF-MO

Contribution ID: 51

Type: **not specified**

Recent progress of J-PARC moderator development

Thursday, September 26, 2019 12:10 PM (20 minutes)

Presenter: TESHIGAWARA, Makoto (J-PARC Center)

Session Classification: MLF-MO

Contribution ID: 52

Type: **not specified**

New experimental opportunities at the ILL -NSE upgrades (invited)

Thursday, September 26, 2019 10:40 AM (30 minutes)

Presenter: FARAGO, Bela (Institute Laue Langevin)

Session Classification: MLF-TE

Contribution ID: 53

Type: **not specified**

Neutron focusing mirror development using metallic substrate (invited)

Thursday, September 26, 2019 11:10 AM (30 minutes)

Presenter: YAMAGATA, Yutaka (RIKEN)

Session Classification: MLF-TE

Contribution ID: 54

Type: **not specified**

Ultra Slow Muon Generation and Its Application for Transmission Muon Microscopy at J-PARC Muon Facility, MUSE (invited)

Thursday, September 26, 2019 11:40 AM (30 minutes)

Presenter: MIYAKE, Yasuhiro (J-PARC Center/KEK)

Session Classification: MLF-TE

Contribution ID: 55

Type: **not specified**

Negative muon spin spectroscopy for the future materials science

Thursday, September 26, 2019 12:10 PM (20 minutes)

Presenter: SUGIYAMA, Jun (CROSS)

Session Classification: MLF-TE

Contribution ID: 56

Type: **not specified**

A view on protein internal dynamics using Neutron Spin Echo Spectroscopy (invited)

Presenter: BIEHL, Ralph (Forschungszentrum Julich GmbH)

Contribution ID: 57

Type: **not specified**

Neutron and high-resolution X-ray structural studies of cellulases (invited)

Presenter: IGARASHI, Kiyohiko (The University of Tokyo)

Contribution ID: 58

Type: **not specified**

Muon stopping sites and stopping states in proteins (invited)

Presenter: SUGAWARA, Yoko (Toyota Physical and Chemical Research Institute/Kitasato University)

Contribution ID: 59

Type: **not specified**

Subunit dynamics in α -crystallin through deuterium-assisted small-angle neutron scattering

Presenter: INOUE, Rintaro (Kyoto University)

Contribution ID: **60**

Type: **not specified**

Development of Continuous Flow Direct Deuterium Labeling Methods (invited)

Thursday, September 26, 2019 10:40 AM (30 minutes)

Presenter: SAJIKI, Hironao (Gifu Pharmaceutical University)

Session Classification: MLF-DE

Contribution ID: 61

Type: **not specified**

Old and New Methods in Deuteration Chemistry: Chemo-enzymatic Synthesis at the European Spallation Source (invited)

Thursday, September 26, 2019 11:10 AM (30 minutes)

Presenter: LEUNG, Anna (ESS-ERIC)

Session Classification: MLF-DE

Contribution ID: 62

Type: **not specified**

Deuteration for Neutron Scattering (invited)

Thursday, September 26, 2019 11:40 AM (30 minutes)

Presenter: LI, Peixun (ISIS Neutron and Muon Source, Rutherford Appleton Laboratory)

Session Classification: MLF-DE

Contribution ID: 63

Type: **not specified**

Structural characterization of the circadian clock protein complexes composed of KaiA, KaiB and KaiC by integrative structural approaches (invited)

Thursday, September 26, 2019 12:10 PM (30 minutes)

Presenter: YAGI, Hirokazu (Nagoya City University)

Session Classification: MLF-DE

Contribution ID: 64

Type: **not specified**

Toward new frontiers: Encounter and synergy of state-of-the-art astronomical detectors and exotic quantum beams (invited)

Thursday, September 26, 2019 1:30 PM (30 minutes)

Presenter: TAKAHASHI, Tadayuki (IPMU, The University of Tokyo)

Session Classification: MLF-IM

Contribution ID: 65

Type: **not specified**

3D Bragg-Edge Elastic Strain Tomography (invited)

Thursday, September 26, 2019 2:00 PM (30 minutes)

Presenter: WENSRICH, Christopher (University of Newcastle)

Session Classification: MLF-IM

Contribution ID: 66

Type: **not specified**

Optimization of crystal growth through in-situ energy-resolved neutron imaging (invited)

Thursday, September 26, 2019 2:30 PM (30 minutes)

Presenter: PERRODIN, Didier (Lawrence Berkeley National Laboratory)

Session Classification: MLF-IM

Contribution ID: 67

Type: **not specified**

Microstructure Mapping of Sliced Japanese Sword by the Engineering Diffractometer Takumi at J-PARC

Thursday, September 26, 2019 3:00 PM (20 minutes)

Presenter: OIKAWA, Kenichi (J-PARC Center)

Session Classification: MLF-IM

Contribution ID: 68

Type: **not specified**

A Viscoelastic Hydrodynamics Theory of the Collective Density Fluctuations in Liquids and Glasses (invited)

Thursday, September 26, 2019 1:30 PM (30 minutes)

Presenter: ZHANG, Yang (University of Illinois)

Session Classification: MLF-DA

Contribution ID: 69

Type: **not specified**

Seeing atomic and molecular level dynamics in liquids (invited)

Thursday, September 26, 2019 2:00 PM (30 minutes)

Presenter: IWASHITA, Takuya (Oita University)

Session Classification: MLF-DA

Contribution ID: 70

Type: **not specified**

Real-Time and Real-Space Analysis of Coherent QENS for Liquid Metal Antimony

Thursday, September 26, 2019 2:30 PM (20 minutes)

Presenter: KAWAKITA, Yukinobu (J-PARC Center)

Session Classification: MLF-DA

Contribution ID: 71

Type: **not specified**

Electrostatic Potential Mapping by Maximum Entropy Method based on Mott-Bethe relations

Thursday, September 26, 2019 2:50 PM (20 minutes)

Presenter: ISHIKAWA, Yoshihisa (CROSS)

Session Classification: MLF-DA

Contribution ID: 72

Type: **not specified**

Challenges in the Development and Operation of the MW-class SNS Mercury Target (invited)

Thursday, September 26, 2019 2:00 PM (30 minutes)

Presenter: RIEMER, Bernard (Oak Ridge National Laboratory)

Session Classification: MLF-TA

Contribution ID: 73

Type: **not specified**

Progress and challenges of the PSI Meson targets and relevant systems (invited)

Thursday, September 26, 2019 2:30 PM (30 minutes)

Presenter: KISELEV, Daniela (Paul Scherrer Institut)

Session Classification: MLF-TA

Contribution ID: 74

Type: **not specified**

The Construction of the ESS Target Station - Current Progress and Challenges (invited)

Thursday, September 26, 2019 1:30 PM (30 minutes)

Presenter: LINANDER, Rikard (ESS-ERIC)

Session Classification: MLF-TA

Contribution ID: 75

Type: **not specified**

Present Status of Muon Production Target at J-PARC MLF MUSE (invited)

Thursday, September 26, 2019 3:00 PM (20 minutes)

Presenter: MAKIMURA, Shunsuke (J-PARC Center/KEK-IMSS)

Session Classification: MLF-TA

Contribution ID: 76

Type: **not specified**

QENS and Soft Matter - Opportunities for the future (invited)

Thursday, September 26, 2019 1:30 PM (30 minutes)

Presenter: SAKAI, Victoria Garcia (ISIS Neutron and Muon Facility, STFC)

Session Classification: MLF-SO

Contribution ID: 77

Type: **not specified**

Interfacial Structure of Thin Polyelectrolyte Films by Neutron Reflectivity (invited)

Thursday, September 26, 2019 2:00 PM (30 minutes)

Presenter: TANAKA, Keiji (Kyushu University)

Session Classification: MLF-SO

Contribution ID: 78

Type: **not specified**

Dynamics of Ring on Polymer in Polyrotaxane Investigated by Quasi-elastic Neutron Scattering and MD simulation (invited)

Thursday, September 26, 2019 2:30 PM (30 minutes)

Presenter: MAYUMI, Koichi (The University of Tokyo)

Session Classification: MLF-SO

Contribution ID: 79

Type: **not specified**

Molecular dynamics in rubber probed by muon spin relaxation

Thursday, September 26, 2019 3:00 PM (20 minutes)

Presenter: TAKESHITA, Soshi (KEK-IMSS)

Session Classification: MLF-SO

Contribution ID: 80

Type: **not specified**

In-situ neutron diffraction study of cooperative deformation in high-entropy alloys at ultralow temperatures (invited)

Thursday, September 26, 2019 3:40 PM (30 minutes)

Presenter: WANG, Xun-Li (City University of Hong Kong)

Session Classification: MLF-RS

Contribution ID: 81

Type: **not specified**

Dynamic Ferrite Transformation Behavior Analyzed by In-Situ Neutron Diffraction during Thermomechanical Processing (invited)

Thursday, September 26, 2019 4:10 PM (30 minutes)

Presenter: SHIBATA, Akinobu (Kyoto University)

Session Classification: MLF-RS

Contribution ID: 82

Type: **not specified**

Deformation behavior of directionally solidified Mg-LPSO alloy studied by in-situ techniques

Thursday, September 26, 2019 4:40 PM (20 minutes)

Presenter: DROZDENKO, Daria (Kumamoto University)

Session Classification: MLF-RS

Contribution ID: 83

Type: **not specified**

Archaeometallurgy Study of Japanese Sword Using Neutron Diffraction

Thursday, September 26, 2019 5:00 PM (20 minutes)

Presenter: HARJO, Stefanus (J-PARC Center)

Session Classification: MLF-RS

Contribution ID: 84

Type: **not specified**

**Ionomer Films for Fuel Cells Cast on Different
Substrates Analyzed by In-Situ Neutron
Reflectometry under Controlled Temperature and
Humidity (invited)**

Thursday, September 26, 2019 3:40 PM (30 minutes)

Presenter: INUKAI, Junji (University of Yamanashi)

Session Classification: MLF-ES

Contribution ID: 85

Type: **not specified**

Hydrogen absorption and desorption reactions of hydrides studied by neutron diffraction and inelastic neutron scattering (invited)

Thursday, September 26, 2019 4:10 PM (30 minutes)

Presenter: SATO, Toyoto (Tohoku University)

Session Classification: MLF-ES

Contribution ID: 86

Type: **not specified**

Neutrons & Muons for Future Energy Materials (invited)

Thursday, September 26, 2019 4:40 PM (30 minutes)

Presenter: MANSSON, Martin (KTH Royal Institute of Technology)

Session Classification: MLF-ES

Contribution ID: 87

Type: **not specified**

Diffusion dynamics of hydrogen atoms in PdPt nanoparticles studied by quasielastic neutron scattering

Thursday, September 26, 2019 5:10 PM (20 minutes)

Presenter: AKIBA, Hiroshi (University of Tokyo)

Session Classification: MLF-ES

Contribution ID: 88

Type: **not specified**

Targetry and beam intercepting devices activities at CERN: technological challenges, beam irradiation tests and radiation damage considerations (invited)

Thursday, September 26, 2019 3:40 PM (30 minutes)

Presenter: CALVIANI, Marco (CERN)

Session Classification: PN-RA

Contribution ID: 89

Type: **not specified**

Challenges on Target Systems at CERN: Thermal Shock Studies at CERNs HiRadMat Facility (invited)

Thursday, September 26, 2019 4:10 PM (30 minutes)

Presenters: HADEN, Fiona (CERN); KADI, Yacine

Session Classification: PN-RA

Contribution ID: 90

Type: **not specified**

Target and Window Upgrades at J-PARC Hadron Experimental Facility (invited)

Thursday, September 26, 2019 5:05 PM (25 minutes)

Presenter: TAKAHASHI, Hitoshi (KEK)

Session Classification: PN-RA

Contribution ID: 91

Type: **not specified**

Targets and Windows for Next Generation Long-Baseline Neutrino Experiments (invited)

Thursday, September 26, 2019 4:40 PM (25 minutes)

Presenter: ISHIDA, Taku (J-PARC Center)

Session Classification: PN-RA

Contribution ID: 92

Type: **not specified**

Neutron Capture Reaction Data Measurement of Minor Actinides for Development of Nuclear Transmutation Systems (invited)

Thursday, September 26, 2019 3:40 PM (30 minutes)

Presenter: KATABUCHI, Tatsuya (Tokyo Institute of Technology)

Session Classification: MLF-EA

Contribution ID: 93

Type: **not specified**

High precision spectroscopy of muonic X-rays with a superconducting TES detector at J-PARC (invited)

Thursday, September 26, 2019 4:10 PM (30 minutes)

Presenter: AZUMA, Toshiyuki (RIKEN)

Session Classification: MLF-EA

Contribution ID: 94

Type: **not specified**

Activities of neutron resonance absorption imaging in J-PARC (invited)

Thursday, September 26, 2019 4:40 PM (30 minutes)

Presenter: KAI, Tetsuya (J-PARC Center)

Session Classification: MLF-EA

Contribution ID: 95

Type: **not specified**

Muon and electron beam techniques as complementary techniques to investigate energy health and environmental problems

Presenter: GHANDI, Khashyar

Contribution ID: 96

Type: **not specified**

Neutrino Experiments at J-PARC [invited]

Wednesday, September 25, 2019 10:40 AM (35 minutes)

Presenter: KUZE, Masahiro (Tokyo Institute of Technology)

Session Classification: PN review session

Contribution ID: 97

Type: **not specified**

Theoretical overview of Lepton Flavor Violation [invited]

Wednesday, September 25, 2019 11:15 AM (35 minutes)

Presenter: SATO, Joe (Saitama University)

Session Classification: PN review session

Contribution ID: **98**

Type: **not specified**

Strangeness and Hadron Physics at J-PARC [invited]

Wednesday, September 25, 2019 11:50 AM (35 minutes)

Presenter: OKA, Makoto (JAEA)

Session Classification: PN review session

Contribution ID: **99**

Type: **not specified**

b

Contribution ID: **100**

Type: **not specified**

The Accelerator Neutrino Neutron Interaction Experiment (ANNIE) [invited]

Wednesday, September 25, 2019 10:40 AM (25 minutes)

Presenter: SVOBODA, Robert (UC Davis)

Session Classification: PN-DDA

Contribution ID: **101**

Type: **not specified**

The upgrade of the KOTO Cesium Iodide calorimeter for the separation of gamma and neutron [invited]

Wednesday, September 25, 2019 11:05 AM (25 minutes)

Presenter: SHIMIZU, Nobuhiro (Osaka University)

Session Classification: PN-DDA

Contribution ID: **102**

Type: **not specified**

Neutron beam monitor for the high-intensity neutron total diffractometer NOVA [invited]

Wednesday, September 25, 2019 11:30 AM (25 minutes)

Presenter: OHSHITA, Hidetoshi (KEK/J-PARC)

Session Classification: PN-DDA

Contribution ID: **103**

Type: **not specified**

Time Projection Chamber "HypTPC" for the hadron spectroscopy at J-PARC [invited]

Wednesday, September 25, 2019 11:55 AM (25 minutes)

Presenter: ICHIKAWA, Yudai (JAEA)

Session Classification: PN-DDA

Contribution ID: **104**

Type: **not specified**

Recent DAQ developments at PSI [invited]

Wednesday, September 25, 2019 3:40 PM (25 minutes)

Presenter: RITT, Stefan (PSI)

Session Classification: PN-DDB

Contribution ID: 105

Type: **not specified**

High density positron detector Kalliope and its applications at J-PARC muon and neutron measurements [invited]

Wednesday, September 25, 2019 4:05 PM (25 minutes)

Presenter: KOJIMA, Kenji (TRIUMF)

Session Classification: PN-DDB

Contribution ID: 106

Type: **not specified**

Positron Tracking Detector for Muon $g-2$ /EDM Experiment at J-PARC [invited]

Wednesday, September 25, 2019 4:30 PM (25 minutes)

Presenter: YOSHIOKA, Tamaki (Kyushu University)

Session Classification: PN-DDB

Contribution ID: **107**

Type: **not specified**

COMET Detectors to search for a muon to electron conversion [invited]

Wednesday, September 25, 2019 4:55 PM (25 minutes)

Presenter: FUJII, Yuki (Monash University)

Session Classification: PN-DDB

Contribution ID: **108**

Type: **not specified**

The Precision Reactor Oscillation and Spectrum Experiment [invited]

Wednesday, September 25, 2019 1:30 PM (25 minutes)

Presenter: MUMM, Pieter (National Insitute of Standards and Technology)

Session Classification: PN-NP1

Contribution ID: **109**

Type: **not specified**

Review of sterile neutrino experiments with accelerator neutrinos [invited]

Wednesday, September 25, 2019 1:55 PM (25 minutes)

Presenter: MARUYAMA, Takasumi (KEK)

Session Classification: PN-NP1

Contribution ID: 110

Type: **not specified**

T2K future prospects with J-PARC neutrino beam and near detector upgrades [invited]

Wednesday, September 25, 2019 2:20 PM (25 minutes)

Presenter: MATSUBARA, Tsunayuki (KEK)

Session Classification: PN-NP1

Contribution ID: 111

Type: **not specified**

Neutrino oscillation and matter-antimatter asymmetry of universe [invited]

Wednesday, September 25, 2019 2:45 PM (25 minutes)

Presenter: YIN, Wen (KAIST)

Session Classification: PN-NP1

Contribution ID: 112

Type: **not specified**

Kaon - theoretical overview [invited]

Wednesday, September 25, 2019 1:30 PM (30 minutes)

Presenter: YAMAMOTO, Kei (University of Zurich / Hiroshima University)

Session Classification: PN-FK

Contribution ID: 113

Type: **not specified**

Recent Result on the Measurement of $K_L \rightarrow \pi^0 \nu \bar{\nu}$ at the J-PARC KOTO Experiment [invited]

Wednesday, September 25, 2019 2:00 PM (20 minutes)

Presenter: LIN, Chieh (National Taiwan University)

Session Classification: PN-FK

Contribution ID: 114

Type: **not specified**

Search for lepton universality violation in J-PARC E36 Experiment [invited]

Wednesday, September 25, 2019 2:20 PM (20 minutes)

Presenter: SHIMIZU, Suguru (Osaka University)

Session Classification: PN-FK

Contribution ID: 115

Type: **not specified**

Kaon physics in Europe [invited]

Wednesday, September 25, 2019 2:40 PM (40 minutes)

Presenter: KOVAL, Michal (Charles University)

Session Classification: PN-FK

Contribution ID: 116

Type: **not specified**

[Modified] New frontier with Laser spectroscopy of Muonium [invited]

Wednesday, September 25, 2019 3:40 PM (35 minutes)

Presenter: UETAKE, Satoshi (Okayama University)

Session Classification: PN-NA

Contribution ID: 117

Type: **not specified**

Review of Dark Photon Phenomenology [invited]

Wednesday, September 25, 2019 4:15 PM (35 minutes)

Presenter: SHIMOMURA, Takashi (Miyazaki University)

Session Classification: PN-NA

Contribution ID: 118

Type: **not specified**

Dark photons physics (Theory, phenomenology, experiment) [invited]

Wednesday, September 25, 2019 4:50 PM (35 minutes)

Presenter: KOZLOV, Gennady (JINR)

Session Classification: PN-NA

Contribution ID: 119

Type: **not specified**

Hadron and Nuclear Theory for Oscillation Experiments [invited]

Thursday, September 26, 2019 1:30 PM (25 minutes)

Presenter: ALVAREZ-RUSO, Luis (IFIC)

Session Classification: PN-CS

Contribution ID: 120

Type: **not specified**

T2K ND280 cross section results and future prospects [invited]

Thursday, September 26, 2019 1:55 PM (25 minutes)

Presenter: MAHN, Kendall (Michigan State University)

Session Classification: PN-CS

Contribution ID: 121

Type: **not specified**

Cross Section Results from the MicroBooNE Experiment [invited]

Thursday, September 26, 2019 2:20 PM (25 minutes)

Presenter: HILL, Colton (Chiba University)

Session Classification: PN-CS

Contribution ID: 122

Type: **not specified**

Possible hadron physics with neutrino beams [invited]

Thursday, September 26, 2019 2:45 PM (25 minutes)

Presenter: IMAI, Kenichi (JAEA)

Session Classification: PN-CS

Contribution ID: 123

Type: **not specified**

Latest Oscillation Results Combining Neutrino and Antineutrino Data from the NOvA Experiment [invited]

Thursday, September 26, 2019 3:40 PM (30 minutes)

Presenter: BAIRD, Michael (University of Virginia)

Session Classification: PN-NP2

Contribution ID: 124

Type: **not specified**

The NOvA Deep Learning Program: New developments, successes, lessons, and prospects for further improving physics analyses [contributed]

Thursday, September 26, 2019 4:10 PM (20 minutes)

Presenter: PSIHAS, Fernanda (University of Texas)

Session Classification: PN-NP2

Contribution ID: 125

Type: **not specified**

The Hyper-Kamiokande project [invited]

Thursday, September 26, 2019 4:30 PM (30 minutes)

Presenter: KONAKA, Akira (TRIUMF)

Session Classification: PN-NP2

Contribution ID: 126

Type: **not specified**

Technical achievements, challenges of DUNE [invited]

Thursday, September 26, 2019 5:00 PM (30 minutes)

Presenter: MAHN, Kendall (Michigan State University)

Session Classification: PN-NP2

Contribution ID: 127

Type: **not specified**

Science for Energy: The Role of Large-Scale Scientific User Facilities

Tuesday, September 24, 2019 10:50 AM (45 minutes)

Presenter: KUNG, Harriet (Office of Science, Department of Energy, USA)

Session Classification: Plenary

Contribution ID: 128

Type: **not specified**

Emergent Phenomena of Topological Magnets

Wednesday, September 25, 2019 8:45 AM (45 minutes)

Presenter: TOKURA, Yoshinori

Session Classification: Plenary

Contribution ID: 129

Type: **not specified**

Realisation of a New Research Infrastructure in Belgium: MYRRHA

Wednesday, September 25, 2019 9:30 AM (45 minutes)

Presenter: ABDERRAHIM, Hamid

Session Classification: Plenary

Contribution ID: **130**

Type: **not specified**

Physics and Energy

Thursday, September 26, 2019 8:45 AM (45 minutes)

Presenter: JAFFE, Robert L.

Session Classification: Plenary

Contribution ID: 131

Type: **not specified**

Exploring the origins of the Earth and life

Thursday, September 26, 2019 9:30 AM (45 minutes)

Presenter: HIROSE, Kei

Session Classification: Plenary

Contribution ID: 132

Type: **not specified**

Operation and Upgrade of J-PARC Accelerators (invited)

Wednesday, September 25, 2019 10:40 AM (30 minutes)

Presenter: HASEGAWA, Kazuo (J-PARC Center)

Session Classification: ACC-IP1

Contribution ID: 133

Type: **not specified**

Experience with AGS High Intensity Protons Operation (invited)

Wednesday, September 25, 2019 11:10 AM (30 minutes)

Presenter: HUANG, Haixin (BNL)

Session Classification: ACC-IP1

Contribution ID: 134

Type: **not specified**

Current status and future upgrade plans of SNS (invited)

Wednesday, September 25, 2019 11:40 AM (30 minutes)

Presenter: SHISHLO, Andrei P. (ORNL, Oak Ridge)

Session Classification: ACC-IP1

Contribution ID: 135

Type: **not specified**

J-PARC Main Ring Upgrade toward High Repetition Rate Operation

Wednesday, September 25, 2019 12:10 PM (20 minutes)

Presenter: KURIMOTO, Yoshinori (KEK/J-PARC)

Session Classification: ACC-IP1

Contribution ID: 136

Type: **not specified**

Beam Commissioning Status and Future Plans of FRIB (invited)

Wednesday, September 25, 2019 1:30 PM (30 minutes)

Presenter: IKEGAMI, Masanori (FRIB/MSU)

Session Classification: ACC-IP2

Contribution ID: 137

Type: **not specified**

Beam Commissioning Status and Future Plans of LIPAc (invited)

Wednesday, September 25, 2019 2:00 PM (30 minutes)

Presenter: SAKAMOTO, Keishi (Rokkashi Fusion Institute, QST)

Session Classification: ACC-IP2

Contribution ID: 138

Type: **not specified**

Status and Plans of the ESS Neutron Source (invited)

Wednesday, September 25, 2019 2:30 PM (30 minutes)

Presenter: GAROBY, Roland (European Spallation Source ERIC)

Session Classification: ACC-IP2

Contribution ID: 139

Type: **not specified**

Status and Future Projects of the PSI High Intensity Proton Accelerator (invited)

Wednesday, September 25, 2019 3:40 PM (30 minutes)

Presenter: KISELEV, Daniela C. (Paul Scherrer Institut)

Session Classification: ACC-IP3

Contribution ID: 140

Type: **not specified**

[Cancel] The status and upgrade plan of CSNS (invited)

Wednesday, September 25, 2019 4:10 PM (30 minutes)

Presenter: WANG, Sheng (CSNS/IHEP)

Session Classification: ACC-IP3

Contribution ID: 141

Type: **not specified**

The FAIR Project: Realization including industrial contractors and status (invited)

Wednesday, September 25, 2019 4:40 PM (30 minutes)

Presenter: PYKA, Niels (GSI)

Session Classification: ACC-IP3

Contribution ID: 142

Type: **not specified**

Status of FNAL and PIP-II project (invited)

Presenter: MARMINGA, Lia (Fermilab)

Contribution ID: 143

Type: **not specified**

LHC status and the HL-LHC project (invited)

Thursday, September 26, 2019 2:00 PM (30 minutes)

Presenter: GILARDONI, Simone (CERN)

Session Classification: ACC-IP4

Contribution ID: 144

Type: **not specified**

ISIS upgrade and the feasibility study (invited)

Thursday, September 26, 2019 2:30 PM (30 minutes)

Presenter: MACHIDA, Shinji (STFC Rutherford Appleton Laboratory)

Session Classification: ACC-IP4

Contribution ID: 145

Type: **not specified**

J-PARC Contributions to LHC Injector Upgrade Project

Thursday, September 26, 2019 3:00 PM (20 minutes)

Presenter: OHMORI, Chihiro (KEK/J-PARC Center)

Session Classification: ACC-IP4

Contribution ID: 146

Type: **not specified**

Realizing high luminosity at SuperKEKB (invited)

Thursday, September 26, 2019 3:30 PM (30 minutes)

Presenter: MITSUKA, Gaku (KEK)

Session Classification: ACC-LC

Contribution ID: 147

Type: **not specified**

A brief introduction to the Future Circular Collider (FCC) project (invited)

Thursday, September 26, 2019 4:00 PM (30 minutes)

Presenter: OIDE, Katsunobu (CERN)

Session Classification: ACC-LC

Contribution ID: 148

Type: **not specified**

Accelerator physics challenges for high-luminosity frontier at CEPC (invited)

Thursday, September 26, 2019 4:30 PM (30 minutes)

Presenter: YU, Chenghui (IHEP)

Session Classification: ACC-LC

Contribution ID: 149

Type: **not specified**

Current Status of the ILC (invited)

Thursday, September 26, 2019 5:00 PM (30 minutes)

Presenter: MICHIZONO, Shinichiro (LCC/KEK)

Session Classification: ACC-LC

Contribution ID: 150

Type: **not specified**

A view on protein internal dynamics using Neutron Spinecho Spectroscopy (invited)

Thursday, September 26, 2019 3:40 PM (30 minutes)

Presenter: BIEHL, Ralph (Forschungszentrum Julich GmbH)

Session Classification: MLF-BI

Contribution ID: 151

Type: **not specified**

Neutron and high-resolution X-ray structural studies of cellulases (invited)

Thursday, September 26, 2019 4:10 PM (30 minutes)

Presenter: IGARASHI, Kiyohiko (The University of Tokyo)

Session Classification: MLF-BI

Contribution ID: 152

Type: **not specified**

Muon stopping sites and stopping states in proteins (invited)

Thursday, September 26, 2019 4:40 PM (30 minutes)

Presenter: SUGAWARA, Yoko (Toyota Physical and Chemical Research Institute/Kitasato University)

Session Classification: MLF-BI

Contribution ID: 153

Type: **not specified**

Subunit dynamics in α -crystallin through deuterium-assisted small-angle neutron scattering

Thursday, September 26, 2019 5:10 PM (20 minutes)

Presenter: INOUE, Rintaro (Kyoto University)

Session Classification: MLF-BI

Contribution ID: 154

Type: **not specified**

Recent slow extraction beam loss reduction improvements at the CERN SPS (invited)

Thursday, September 26, 2019 10:40 AM (35 minutes)

Presenter: FRASER, Matthew Alexander (CERN)

Session Classification: ACC/PN-JS

Contribution ID: 155

Type: **not specified**

Status of the ESSnuSB Design Study (invited)

Thursday, September 26, 2019 11:15 AM (35 minutes)

Presenter: EKELOF, Tord (Uppsala University)

Session Classification: ACC/PN-JS

Contribution ID: 156

Type: **not specified**

Highly intense muon beam and novel high-brightness muon beam developments at PSI (invited)

Thursday, September 26, 2019 11:50 AM (35 minutes)

Presenter: PAPA, Angela (Paul Scherrer Institut)

Session Classification: ACC/PN-JS

Contribution ID: 157

Type: **not specified**

Kaonic Nuclear Bound State "K-pp" Observation and Possible Future Plan(invited)

Wednesday, September 25, 2019 1:30 PM (30 minutes)

Presenter: IWASAKI, Masahiko (RIKEN)

Session Classification: PN-SH1

Contribution ID: 158

Type: **not specified**

Hadron physics with photon beam(invited)

Wednesday, September 25, 2019 2:00 PM (25 minutes)

Presenter: NIIYAMA, Masayuki (Kyoto Sangyo University)

Session Classification: PN-SH1

Contribution ID: 159

Type: **not specified**

Heavy Flavor Hadron Physics at Belle and Belle II(invited)

Wednesday, September 25, 2019 2:25 PM (25 minutes)

Presenter: MIYABAYASHI, Kenichi (Nara Women's University)

Session Classification: PN-SH1

Contribution ID: 160

Type: **not specified**

Exclusive Hard Processes for Studying Hadron Structures at J-PARC(invited)

Wednesday, September 25, 2019 2:50 PM (30 minutes)

Presenter: CHANG, Wen-Chen

Session Classification: PN-SH1

Contribution ID: 161

Type: **not specified**

Spectroscopic Study of Lambda Hypernuclei at J-Lab(invited)

Thursday, September 26, 2019 1:30 PM (25 minutes)

Presenter: NAKAMURA, Satoshi (Tohoku University)

Session Classification: PN-SH2

Contribution ID: 162

Type: **not specified**

Recent result and future plan of hypernuclear γ ray spectroscopic experiment at J-PARC(invited)

Thursday, September 26, 2019 1:55 PM (20 minutes)

Presenter: YAMAMOTO, Takeshi (JAEA)

Session Classification: PN-SH2

Contribution ID: 163

Type: **not specified**

J-PARC E07: Systematic study of double strangeness system with hybrid emulsion method(invited)

Thursday, September 26, 2019 2:15 PM (20 minutes)

Presenter: YOSHIDA, Junya (JAEA)

Session Classification: PN-SH2

Contribution ID: 164

Type: **not specified**

High statistics Sigma proton scattering experiment at J-PARC(invited)

Thursday, September 26, 2019 2:35 PM (20 minutes)

Presenter: MIWA, Koji (Tohoku University)

Session Classification: PN-SH2

Contribution ID: 165

Type: **not specified**

Status and perspectives of hypertriton lifetime determination in ultra-relativistic heavy ion collisions(invited)

Thursday, September 26, 2019 2:55 PM (25 minutes)

Presenter: BUFALINO, Stefania (DISAT-Politecnico di Torino)

Session Classification: PN-SH2

Contribution ID: 166

Type: **not specified**

Measurement of the spectral change of vector mesons in nuclei at the high-momentum beamline in J-PARC Hadron Experimental Facility(invited)

Thursday, September 26, 2019 3:40 PM (30 minutes)

Presenter: YOKKAICHI, Satoshi (RIKEN)

Session Classification: PN-HP

Contribution ID: 167

Type: **not specified**

Prospects on fixed-target heavy ion physics opportunities at CERN(invited)

Thursday, September 26, 2019 4:10 PM (30 minutes)

Presenter: USAI, Gianluca (University of Cagliari)

Session Classification: PN-HP

Contribution ID: **168**

Type: **not specified**

Heavy Ion Acceleration Plan at J-PARC(invited)

Thursday, September 26, 2019 4:40 PM (25 minutes)

Presenter: MIAKE, Yasuo (University of Tsukuba)

Session Classification: PN-HP

Contribution ID: **169**

Type: **not specified**

Hadron spectroscopy with high-momentum hadron beams(invited)

Thursday, September 26, 2019 5:05 PM (20 minutes)

Presenter: SIROTORI, Kotaro (RCNP, Osaka University)

Session Classification: PN-HP

Contribution ID: 170

Type: **not specified**

Theory of Charged Lepton Flavour Violation(invited)

Thursday, September 26, 2019 1:30 PM (20 minutes)

Presenter: PASSEMAR, Emilie (Indiana University/JLab)

Session Classification: PN-FM

Contribution ID: 171

Type: **not specified**

The MEG-II experiment at PSI(invited)

Thursday, September 26, 2019 1:50 PM (20 minutes)

Presenter: SIGNORELLI, Giovanni (INFN)

Session Classification: PN-FM

Contribution ID: 172

Type: **not specified**

The COMET experiment: search for muon-to-electron conversion(invited)

Thursday, September 26, 2019 2:10 PM (20 minutes)

Presenter: MORITSU, Manabu (KEK)

Session Classification: PN-FM

Contribution ID: 173

Type: **not specified**

Mu2e at Fermilab(invited)

Thursday, September 26, 2019 2:30 PM (20 minutes)

Presenter: RAY, Ron (FNAL)

Session Classification: PN-FM

Contribution ID: 174

Type: **not specified**

An experiment to search for μ -e conversion by using a pulsed proton beam from J-PARC RCS - DeeMe(invited)

Thursday, September 26, 2019 2:50 PM (20 minutes)

Presenter: NAGAO, Daiki (Osaka University)

Session Classification: PN-FM

Contribution ID: 175

Type: **not specified**

Fundamental Physics using Slow Neutrons(invited)

Thursday, September 26, 2019 3:40 PM (25 minutes)

Presenter: SHIMIZU, Hirohiko (Nagoya University)

Session Classification: PN/MLF-SY

Contribution ID: 176

Type: **not specified**

NOPTREX: Search for T Violation in Neutron-Nucleus Resonance Reactions(invited)

Thursday, September 26, 2019 4:05 PM (25 minutes)

Presenter: SNOW, Mike (Indiana University/CEEM)

Session Classification: PN/MLF-SY

Contribution ID: 177

Type: **not specified**

Searches for the Neutron Electric Dipole Moment(invited)

Thursday, September 26, 2019 4:30 PM (25 minutes)

Presenter: LINDNER, Thomas (TRIUMF / University of Winnipeg)

Session Classification: PN/MLF-SY

Contribution ID: 178

Type: **not specified**

Precise Neutron Lifetime Measurement Using Pulsed Neutron Beams at J-PARC(invited)

Thursday, September 26, 2019 4:55 PM (25 minutes)

Presenter: SUMI, Naoyuki (Kyushu University)

Session Classification: PN/MLF-SY

Contribution ID: 179

Type: **not specified**

Role of science in societies, role of Japan in the world

Tuesday, September 24, 2019 1:30 PM (1h 20m)

Panelists: Hiroshi OOGURI (Kavli IPMU, University of Tokyo), Shinichi NAKAZAWA (Religious historian, Meiji University), Dave WARK, others

Session Classification: Panel Discussion

Contribution ID: **180**

Type: **not specified**

TBD

Contribution ID: **181**

Type: **not specified**

Radiation evaluation in RIBF (invited)

Thursday, September 26, 2019 1:30 PM (30 minutes)

Presenter: TANAKA, Kanenobu (RIKEN Nishina Center)

Session Classification: SAF

Contribution ID: **182**

Type: **not specified**

Behavior of gaseous radionuclides produced in the gold target at the J-PARC Hadron Experimental Facility

Thursday, September 26, 2019 2:00 PM (20 minutes)

Presenter: BESSHO, Kotaro (Safety Division, J-PARC Center)

Session Classification: SAF

Contribution ID: 183

Type: **not specified**

Experimental study on neutron attenuation for 24 GeV/c proton beam on a thick Cu target

Thursday, September 26, 2019 2:20 PM (20 minutes)

Presenter: SANAMI, Toshiya (Radiation Science Center, KEK)

Session Classification: SAF

Contribution ID: **184**

Type: **not specified**

Behavior of tritium release from a stainless vessel of the mercury target as a spallation neutron source

Thursday, September 26, 2019 2:40 PM (20 minutes)

Presenter: KASUGAI, Yoshimi (Safety Division, J-PARC Center)

Session Classification: SAF

Contribution ID: **185**

Type: **not specified**

Status of FNAL and PIP-II project (invited)

Thursday, September 26, 2019 1:30 PM (30 minutes)

Presenter: MERMINGA, Lia (Fermilab)

Session Classification: ACC-IP4