The 4th J-PARC Symposium 2024 Program

At Mito City Civic Center (Symposium) and
J-PARC Center (Lab Tour)
October 14 (Mon) - October 18 (Fri), 2024

Hosts:
Japan Proton Accelerator Research Complex (J-PARC) Center
[High Energy Accelerator Research Organization (KEK) and
Japan Atomic Energy Agency (JAEA)]
Co-Hosts:
Comprehensive Research Organization for Science and Society (CROSS)
J-PARC MLF Users Society
Industrial Users Society for Neutron Application
J-PARC Hadron Hall Users' Association (HUA)

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Support:

Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Ibaraki Prefectural Government

Mito City

Tokai Village

Mito Tourism and Convention Association

Cooperation:

Society of Muon and Meson Science of Japan / The Society of Polymer Science, Japan / The Society of Fiber Science and Technology, Japan / The Magnetics Society of Japan / The Institute of Electrical Engineers of Japan / The Crystallographic Society of Japan / The Japan Institute of Metals and Materials / The Japanese Society for Neutron Science / The Society of Rubber Science and Technology, Japan / The Society of Materials Science, Japan / The Adhesion Society of Japan / The Ceramic Society of Japan / The Pharmaceutical Society of Japan / The Chemical Society of Japan / The Iron and Steel Institute of Japan / The Japanese Society for Synchrotron Radiation Research / The Physical Society of Japan / The Japanese Society for Non-Destructive Inspection / The Japan Society of Applied Physics / Protein Science Society of Japan / The Biophysical Society of Japan / Atomic Energy Society of Japan / Japan Association of High Energy Physicists / Nuclear Experimental Physics Forum / Particle Accelerator Society of Japan

Sponsors:

The Japan World Exposition 1970 Commemorative Fund

Foundation for High Energy Accelerator Science

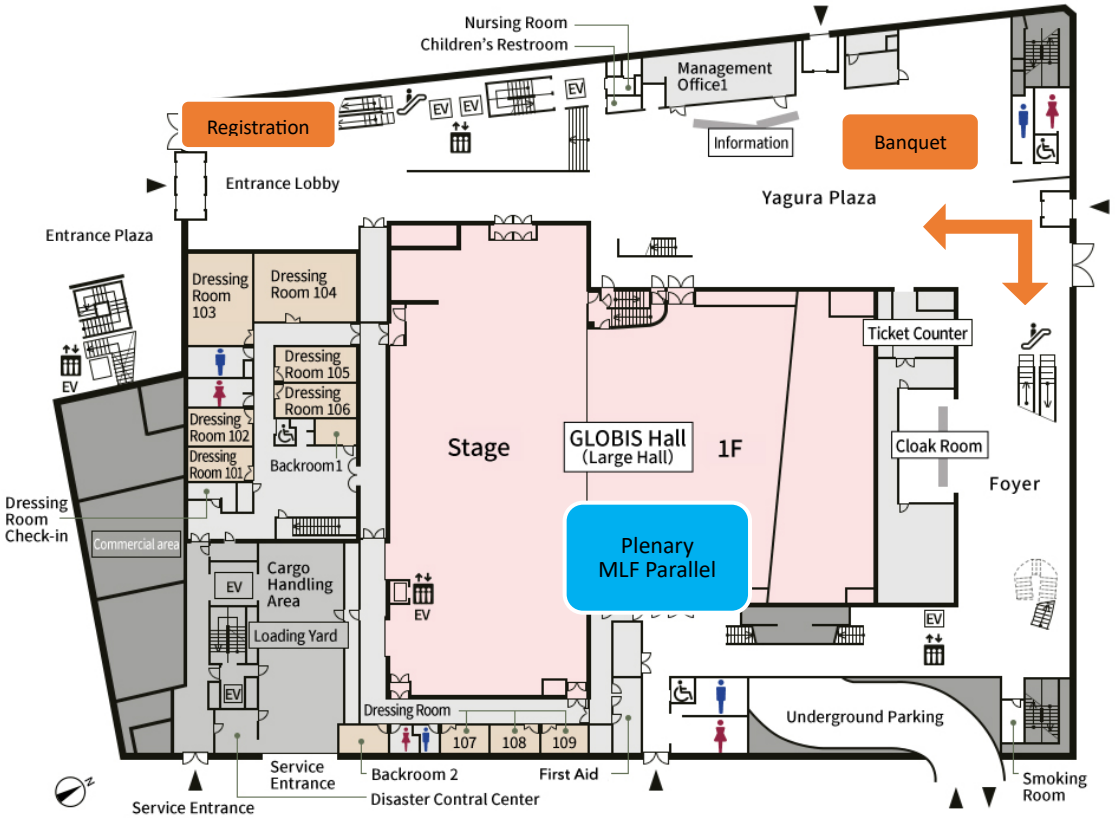
Naito Foundation

MICE Promotion Council of Ibaraki

Mito Tourism and Convention Association

Floor Map

1F



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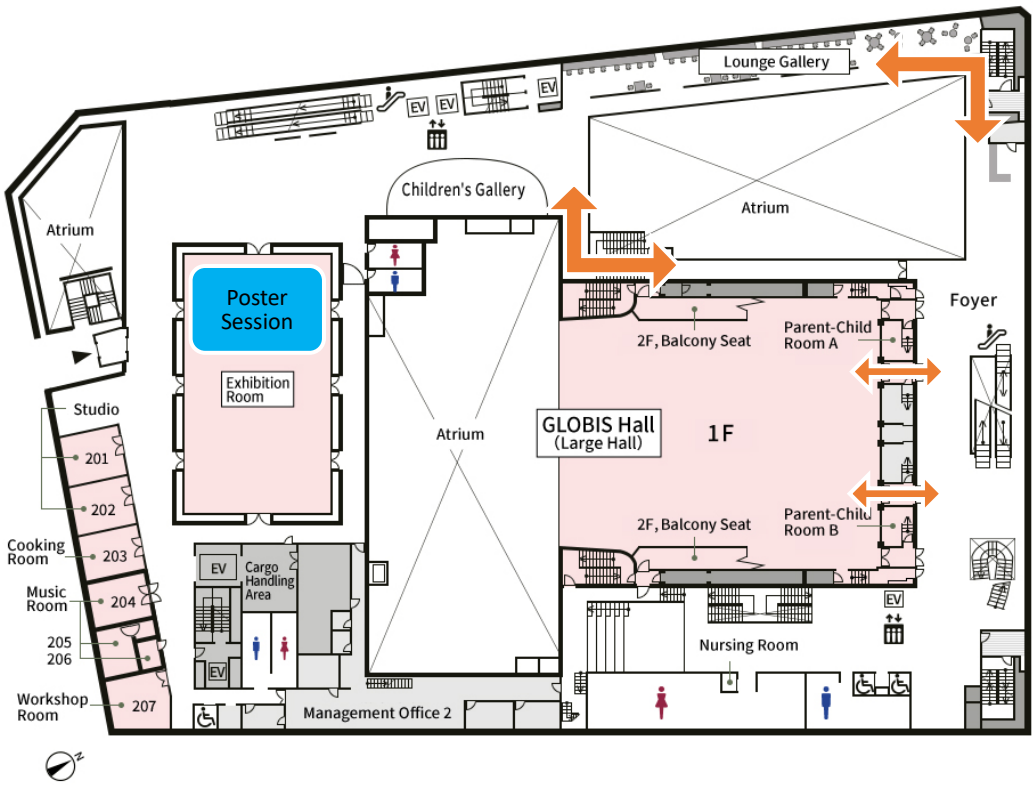

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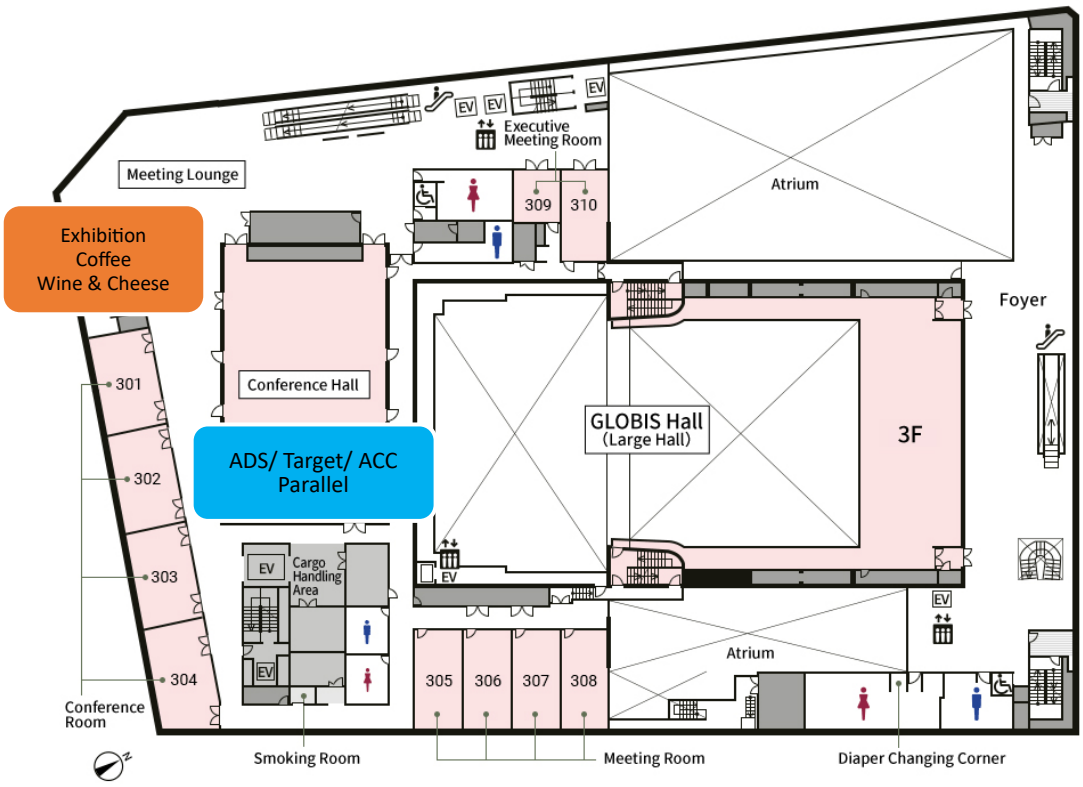
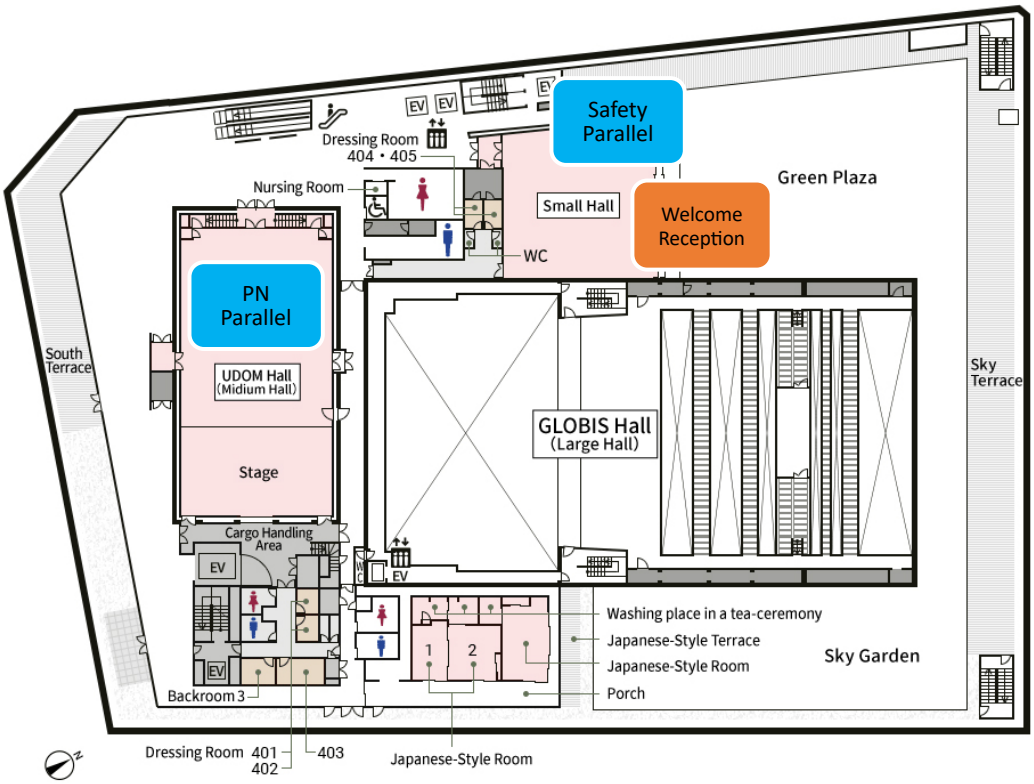

Meeting Lounge
Exhibition
Coffee
Wine & Cheese
Executive Meeting Room
309
310
Atrium
Foyer
Conference Hall
ADS/ Target/ ACC Parallel
GLOBIS Hall (Large Hall)
3F
301
302
303
304
EV
Cargo Handling Area
305
306
307
308
Atrium
Conference Room
Smoking Room
Meeting Room
Diaper Changing Corner

4F


Safety Parallel
Dressing Room 404・405
Nursing Room
Small Hall
Welcome Reception
Green Plaza
WC
PN Parallel
South Terrace
UDOM Hall (Midium Hall)
Stage
GLOBIS Hall (Large Hall)
Sky Terrace
Cargo Handling Area
EV
1
2
Washing place in a tea-ceremony
Japanese-Style Terrace
Japanese-Style Room
Porch
Sky Garden
Backroom 3
Dressing Room 401 402
403
Japanese-Style Room

Program Summary

	14-Oct Mon	15-Oct Tue	16-Oct Wed	17-Oct Thu	18-Oct Fri
8:00					
9:00		9:00 – 10:40 Opening Plenary Session 1	9:00 – 10:20 Plenary Session 3	8:50 – 10:30 Parallel Session 5 PN, MLF, Target	9:00(TBD) J-PARC Tour
10:00	10:30 – 12:40 Public lectures in Japanese		10:50 – 12:20 Plenary Session 4		
11:00		11:10 – 12:40 Plenary Session 2		11:00 – 12:40 Parallel Session 6 PN, MLF, ADS	
12:00		Group Photo			
13:00	13:30 – 16:30 Public lectures in Japanese		13:40 – 15:20 Parallel Session 3 PN, MLF, Acc		
14:00		14:00 – 15:40 Parallel Session 1 PN, MLF, Target		14:00 – 15:30 Plenary Session 5	
15:00			15:50 – 17:55 Parallel Session 4 PN, MLF, Target, Safety		
16:00		16:10 – 17:50 Parallel Session 2 PN, MLF, ADS		16:00 – 17:40 Plenary Session 6 Closing	
17:00	17:30 – Welcome Reception				
18:00		18:00 – 20:00 Poster core time with wine	18:30 – 20:30 Banquet		
19:00					
20:00					

Wi-Fi

Wi-Fi is available throughout the venue.

SSID: IBARAKI-FREE-Wi-Fi
PASS: ibarakiken

Social Events

Welcome Reception @ Small Hall (4F): October 14 (Mon) 17:30-19:30
We prepare drinks and light meals to welcome the participants. The small hall is directly connected to Green Plaza (Rooftop lawn). If the weather allows, you will see the Art Tower Mito and the city from the rooftop.

Wine & Cheese @ Meeting Lounge (3F): October 15 (Tue) 18:00-20:00
During the poster session, wine, cheese, and snacks are provided to enhance the scientific discussions.

Japanese Tea Ceremony @ Japanese-style Room (4F): October 16 (Wed) 14:00-14:45 and 15:30-16:15
For accompany persons, and also the researchers who want to escape from the parallel sessions, a traditional Japanese tea ceremony with English guide is held. We have two sessions of 45 minutes. For each session the maximum participants are 15. The tea party is free but prior registration is required.

T**ea master: Minato Sosen (湊 素仙):** President of Sekishu-Ryu Mito-Karoukai (石州流水戸何陋会 会長) / President of Ibaraki Prefecture Tea Ceremony Federation (茨城県茶道連合会 会長)
Sekishu-Ryu is one of the many schools of tea ceremony. Among all the Sekishu-Ryu schools in Japan, the Mito Karoukai is a major presence. He is also the president of the Ibaraki Prefecture Tea Ceremony Federation, where he shows leadership and brings together all the tea ceremony schools in Ibaraki Prefecture.

Banquet: October 16 (Wed) 18:30-20:30 @ Yagura Plaza (1F)

The banquet starts with the Japanese Koto performance for 20 minutes.
Yoriko -Koto & Sangen player-: Born in Ibaraki, Japan. She started playing the Koto and Jiuta-Sangen when she was 4 and 15 years old respectively. She graduated from NHK School for Perform of Traditional Japanese Instruments and the Traditional Japanese Music special course of Tokyo National University of Fine Arts and Music.
She performs in various events to display the Koto's versatility in various musical genres. She also works actively in composing original Koto music featuring "the scenery or seasons of Japan". Her sound is inspirational and dynamic but elegant, which can change the image one as of the Koto.

The 4th J-PARC Symposium 2024

Timetable

Monday, 14 October 2024

市民公開講座 1 - GLOBIS Hall (10:30 - 12:40)

time	title	presenter
10:30	ご挨拶＆J-PARC の紹介	KOBAYASHI, Takashi
10:40	ニュートリノと反物質 ー宇宙の不思議に迫るー	NAKAYA, Tsuyoshi
11:40	水素社会がやってくる！	IMAI, Hideto

市民公開講座 2 - GLOBIS Hall (13:30 - 16:30)

time	title	presenter
13:30	J-PARC 地上実験で暴く宇宙の物質進化の果て”中性子星”	TAMURA, Hirokazu
14:30	ミュオン非破壊分析で迫る太陽系の起源と進化	TERADA, Kentaro
15:30	固体中の磁気渦が作る新しい粒子とその驚くべき性質	TOKURA, Yoshinori

Welcome Reception - Small Hall (17:30 - 19:30)

Tuesday, 15 October 2024

Opening Session - GLOBIS Hall (09:00 - 09:20)

Plenary: 1 - GLOBIS Hall (09:20 - 10:40)

time	title	presenter
09:20	Materials development for all-solid-state batteries: LGPS-type lithium superionic conductors	KANNO, Ryoji
10:00	Study of hadron interactions and compositeness	HYODO, Tetsuo

Coffee - Meeting Lounge (10:40 - 11:10)

Plenary: 2 - GLOBIS Hall (11:10 - 12:40)

time	title	presenter
11:10	Neutron Spectroscopy as a tool for Soft and Biological Materials ? Opportunities	SAKAI, VIctoria G.
11:40	Progress and prospect of physics program at J-PARC HEF	YAMAMOTO, Tsuyoshi
12:10	Hyper Kamiokande	SEKIYA, Hiroyuki

Group Photo (12:40 - 12:45)

Lunch (12:45 - 14:00)

MLF Parallel: 1 Carbon Neutrality, Energy Storage - GLOBIS Hall (14:00 - 15:40)

time	title	presenter
14:00	Materials science for sustainable next-generation batteries with quantum beam characterization	KOMABA, Shinichi
14:25	Exploring hydrogen's role in deformation mechanisms of SUS310S austenitic steel using TAKUMI	ITO, Tatsuya
14:50	Operando μSR on Li- and Na-ion batteries in J-PARC	UMEGAKI, Izumi
15:15	Identifying liquid water and ice in model PEMFCs with high temporal-spatial resolutions using energy-selective neutron imaging	SONG, Fangzhou

PN parallel: 1 Results of the current projects - UDOM Hall (14:00 - 15:40)

time	title	presenter
14:00	T2K status and prospect with J-PARC neutrino beam and Near detector upgrades	VLADISAVLJEVIC, Tomislav
14:25	Review of sterile neutrino search experiments	LEE, Dongha
14:50	Exploring a new form of matter containing an anti-kaon	HASHIMOTO, Tadashi
15:15	Hadron physics with primary proton beam at J-PARC high momentum beamline	MORINO, Yuhei

Target Parallel: 1 - Conference Hall (14:00 - 15:40)

time	title	presenter
14:00	Updates on the Operation of the MLF Neutron Target at J-PARC and Perspectives for Future Operation	HAGA, Katsuhiro

14:25	SNS Improvements Aided by J-PARC Collaboration	LYTTLE, Mark
14:50	Upgrade of Target M within the IMPACT project	KISELEV, Daniela C.
15:15	Recent upgrade on muon target at J-PARC	MAKIMURA, Shunsuke

Coffee - Meeting Lounge (15:40 - 16:10)

ADS Parallel: 1 - Conference Hall (16:10 - 17:50)

time	title	presenter
16:10	Status of CiADS and HIAF Projects	HE, Yuan
16:35	Spoke Cavity Prototyping for the JAEA-ADS Linac	TAMURA, Jun
17:00	The Progress to CiADS Spallation Target	MA, Fei
17:25	Current Status of Handling Technologies for Lead-Bismuth Spallation Target in J-PARC	OBAYASHI, Hironari

MLF Parallel: 2 Advances in Experimental Techniques and Analytical Methods - GLOBIS Hall (16:10 - 17:50)

time	title	presenter
16:10	Material Development Utilizing Data from Experimental Facilities	YANO, Masao
16:35	Metallurgical study of Japanese swords by using pulsed neutron imaging methods	KIYANAGI, Yoshiaki
17:00	Development of Muon Imaging by accelerator muons	MIYAKE, Yasuhiro
17:25	Deep learning based denoise on multidimensional neutron reflectometry and Bragg edge imaging data in J-PARC MLF	TATSUMI, Kazuyoshi

PN parallel: 2 Future Projects - UDOM Hall (16:10 - 17:50)

time	title	presenter
16:10	Future High Resolution Spectroscopic Studies of Hypernuclei at J-PARC and JLab	NAKAMURA, Satoshi N.
16:35	Hadron physics using high-momentum hadron beam at J-PARC	SHIROTORI, Kotaro
17:00	KOTO II to measure the branching ratio of $K_L\to \pi^0\nu\bar{\nu}$	NANJO, Hajime
17:25	Physics of J-PARC heavy-ion project	KITAZAWA, Masakiyo

Poster Session & Wine (18:00 - 20:00)

Wednesday, 16 October 2024

Plenary: 3 - GLOBIS Hall (09:00 - 10:20)

time	title	presenter
09:00	Challenges for beam intercepting devices at CERN's high-intensity and high-energy facilities	CALVIANI, Marco
09:40	Plan of proton beam irradiation facility	MEIGO, Shin-ichiro

Coffee - Meeting Lounge (10:20 - 10:50)

Plenary: 4 - GLOBIS Hall (10:50 - 12:20)

time	title	presenter
10:50	CERN LHC Injector Upgrade: experience, achievement and future	GILARDORI, Simone
11:20	High-intensity operations of J-PARC accelerators	KINSHO, Michikazu
11:50	Target and beam window development at J-PARC - challenges for the stable operation and power upgrade -	NAOE, Takashi

Lunch (12:20 - 13:40)

High Intensity Accelerators for Spallation Neutron Sources: 1 - Conference Hall (13:40 - 15:20)

time	title	presenter
13:40	Returning to MW Beam Power – Commissioning the SNS Proton Power Upgrade	EVANS, Nicholas
14:05	Future plan of J-PARC linac and RCS	YAMAMOTO, Kazami
14:30	Multi-MW program at the ESS	LEVINSEN, Yngve
14:55	FFA Scheme for Multi-MW Beam Power	MACHIDA, Shinji

MLF Parallel: 3 Quantum Devices and Topological Materials - GLOBIS Hall (13:40 - 15:20)

time	title	presenter
13:40	Spontaneous Magnetic Field and Chiral Superconductivity in BaPtAs$_{1-x}$Sb$_x$ with Honeycomb Network	ADACHI, Tadashi
14:05	Neutron diffraction studies on topological magnetic orders in centrosymmetric rare-earth intermetallic compounds	NAKAJIMA, Taro

14:30	Muon-induced Soft Errors in FinFET and Planar SRAMs	HASHIMOTO, Masanori
14:55	Dynamical studies on quantum critical behavior in 4f-electron frustrated systems in HRC project	UETA, Daichi

PN parallel: 3 Basic physics with precision measurements - UDOM Hall (13:40 - 15:20)

time	title	presenter
13:40	Theoretical Perspective on Flavour Physics	KITAHARA, Teppei
14:05	Fundamental physics with neutrons at J-PARC	MISHIMA, Kenji
14:30	J-PARC muon g-2/EDM experiment	FUKUMURA, Seiso
14:55	The COMET Experiment Searching for Muon-to-Electron Conversion at J-PARC	OISHI, Kou

Coffee - Meeting Lounge (15:20 - 15:50)

MLF Parallel: 4 Circular Economy and Environmental Sustainability - GLOBIS Hall (15:50 - 17:30)

time	title	presenter
15:50	Exploring the Hidden Information in Neutron Scattering Data: New approaches to Data Analysis	HELOISA, N. Bordallo
16:15	SANS Studies on Nano Structure of Soft Materials	MAYUMI, Koichi
16:40	Magnetic Ground State of RuO2 Inferred From μSR	HIRAISHI, Masatoshi
17:05	Characterization of fatigue crack-tip stress fields using neutron Bragg edge imaging and diffraction	SU, Yuhua

PN parallel: 4 neutrino reactions and hadron physics - UDOM Hall (15:50 - 17:55)

time	title	presenter
15:50	Experiments and models for neutrino-nucleus interactions in a few-GeV region	KIKAWA, Tatsuya
16:15	Hadron production measurements at EMPHATIC experiment	DAVIES, Gavin Stuart
16:40	NA61/SHINE experiment at CERN SPS	DALMAZZONE, Claire Genevieve Lucienne
17:05	Recent progress and future prospects of Hadron Physics at the Belle and Belle II experiments	WANG, Xiaolong
17:30	Molecular and exotic bound states searches with correlations at LHC	MANTOVANI SARTI, Valentina

Safety: 1 - Small Hall (15:50 - 17:30)

time	title	presenter
15:50	Residual Radiation Dose at J-PARC Linac	KOBAYASHI, Fuminori
16:15	Evaluation of radionuclide production and neutron transportation inside the concrete wall at the J-PARC Main-Ring Synchrotron	BUI, Thien Ngoc
16:40	Activation experiment of the natAg(p,X) reaction at J-PARC	SUGIHARA, Kenta
17:05	Radiomercury collected during an operation of the neutrino experimental facility, J-PARC	WATANABE, Eisuke

Target Parallel: 2 - Conference Hall (15:50 - 17:30)

time	title	presenter
15:50	Neutrino Production Targets for T2K, HyperK and LBNF	DENSHAM, Christopher
16:15	Status and Prospect of Production Target at J-PARC Hadron Experimental Facility	WATANABE, Hiroaki
16:40	3D-Printed Aluminum Alloy Beam Window for COMET Project in Phase-1	SHIDARA, Hiroyuki
17:05	Simplified Model for Simulating Tritium Behavior in the Spallation Neutron Target System	KASUGAI, Yoshimi

Banquet: - Yagura Plaza (18:30 - 20:30)

Thursday, 17 October 2024

MLF Parallel: 5 Innovations in Life Sciences - GLOBIS Hall (08:50 - 10:30)

time	title	presenter
08:50	Recent biological highlights from the high-flux neutron source ILL	GABEL, Frank
09:15	Temperature-dependent changes in structure and dynamics of intrinsically disordered protein	ODA, Takashi
09:40	μ+SR Approach to Bioscience: Experimental and Calculational Analysis of Muon Stopping Sites and State in Peptide Bonds	SUGAWARA, Yoko
10:05	MuSR studies in hemoglobin derivatives (oxyHb, deoxyHb, metHb and COHb) solutions	PANT, Amba Datt

PN parallel: 5 Technologies for Future - UDOM Hall (08:50 - 10:30)

time	title	presenter
08:50	Recent development of semiconductor detector for particle tracking	TOGAWA, Manabu
09:15	A GEM based TPC “HypTPC” and its upgrade with thin Glass GEM for the hadron experiment at J-PARC	ICHIKAWA, Yudai
09:40	General-purpose trigger-less DAQ system for physics experiments	HONDA, Ryotaro

10:05	Acceleration of ultra-slow muons using a radio-frequency quadrupole linac for the J-PARC muon g-2/EDM experiment	OTANI, Masashi

Target Parallel: 3 - Conference Hall (08:50 - 10:30)

time	title	presenter
08:50	RaDIATE Collaboration Overview and Achievements in the last few years on Material Studies	PELLEMOINE, Frederique
09:15	HiRadMat: A high brightness beam facility at CERN	CHARITONIDIS, Nikolaos
09:40	PIE in STIP irradiation specimens (tentative)	SAITO, Shigeru
10:05	Development of radiation-tolerant superconducting magnet for muon sources at J-PARC	YOSHIDA, Makoto

Coffee - Meeting Lounge (10:30 - 11:00)

ADS Parallel: 2 - Conference Hall (11:00 - 12:40)

time	title	presenter
11:00	Beam Intercepting Devices in FRIB: Status and Challenges	KANEMURA, Takuji
11:25	Accelerator-produced Radionuclides for Human Health Care	WASHIYAMA, Kohshin
11:50	Low-Energy Proton-Induced Anomalous Effects Observed in Advanced Semiconductor Devices for Space Applications	SHINDO, Hiroyuki
12:15	Neutron, Carbon and Heavy-ion Beam Irradiation to Measure Soft Errors on Radiation-hard Integrad Circuits for Automotive and Aerospace Applications	KOBAYASHI, Kazutoshi

MLF Parallel: 6 Future plans of neutron and muon facilities - GLOBIS Hall (11:00 - 12:40)

time	title	presenter
11:00	The Development Road Map for the ISIS Pulsed Neutron and Muon Source	ECCLESTON, Roger Soulsby
11:20	The Spallation Neutron Source at Oak Ridge National Laboratory: Status and Future Plans	LUMSDEN, Mark D.
11:40	Current status and future plans of CSNS	XIN, Tong
12:00	The European Spallation Source - on the Road to Science	ÅRSKÖLD, Sindra Petersson
12:20	Future Plans for HIPA	KISELEV, Daniela C.

PN parallel: 6 Future Facilities and Related Topics - UDOM Hall (11:00 - 12:40)

time	title	presenter
11:00	Deciphering neutrino oscillations and CP violation in J-PARC long-baseline neutrino oscillation experiments	AKUTSU, Ryosuke
11:25	Fermilab High-intensity Neutrino Program: Present and Future	SHARANKOVA, Ralitsa V.
11:50	Beyond 1 MW operation of J-PARC main ring	HOCHI, Hideaki
12:15	High Power Slow Extraction for BDF/SHiP at the CERN SPS	FRASER, Matthew A.

Lunch (12:40 - 14:00)

Plenary: 5 - GLOBIS Hall (14:00 - 15:30)

time	title	presenter
14:00	Encounter and synergy of superconducting x-ray calorimeter and negative muon beam	AZUMA, Toshiyuki
14:30	MLF Roadmap	OTOMO, Toshiya
15:00	Flavor physics through kaon and muon experiments at J-PARC	SHIOMI, Koji

Coffee - Meeting Lounge (15:30 - 16:00)

Plenary: 6 - GLOBIS Hall (16:00 - 17:20)

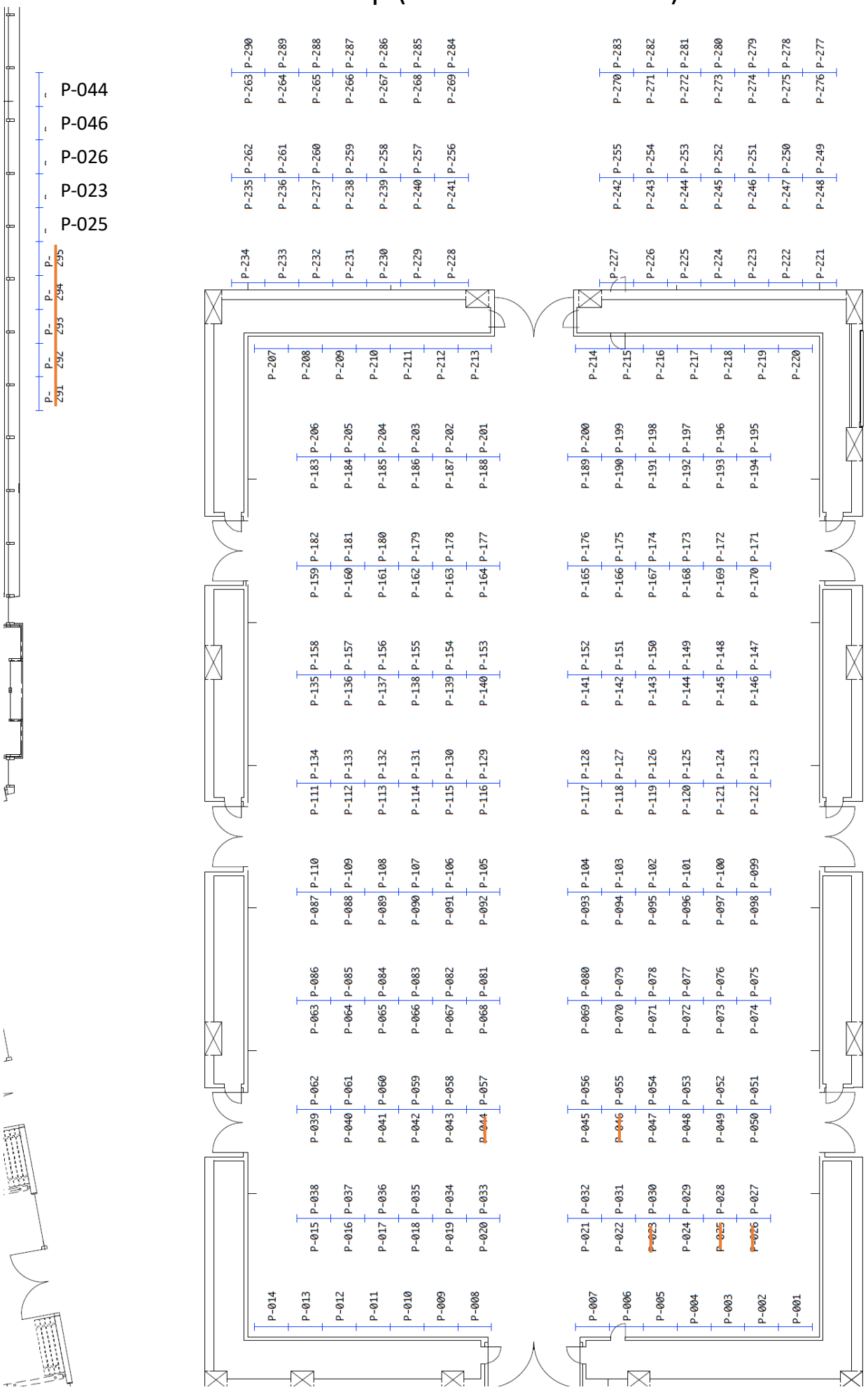
time	title	presenter
16:00	Non-destructive Elemental Analysis with Negative Muons	KUBO, Kenya
16:40	Random thoughts on future particle physics experiments at J-PARC	KITANO, Ryuichiro

Closing: Closing - GLOBIS Hall (17:20 - 17:40)

Friday, 18 October 2024

J-PARC tour (09:00 - 15:00)

Poster Map (2F Exhibition Room)



List of Posters

MLF-MS：Magnetism, Strongly correlated electron sys

P-001	Akiko Nakao	Structural Study of Pressure-induced Ferroelectrics using a TOF-Laue Single-crystal Neutron Diffractometer SENJU
P-002	Ayaka Toshima	Small-Angle Neutron Scattering Measurements on Chiral Magnet CrNb3S6 under Pressure
P-003	Kaneez Rabia	Multiple magnetic-phase transitions of 2D compounds probed by Muon Spectroscopy
P-004	Kotaro Oshida	Magnetic structure of EuFe4As12 studied by neutron powder diffraction
P-005	Masaki Fujita	Effects of Impurity Substitution on Cu Spin Correlations in As-Sintered T*-type Cuprate Oxides
P-006	Shinichi Itoh	Dynamical studies in condensed matter in the 3rd phase of HRC project
P-007	Yuta Someya	Zero-field mu+SR study of the hole-doped organic κ-ET-Mercury-Halide system κ-(ET)4Hg3 − δ X8, X = Cl, Br

MLF-SP：Solid-state physics (Except MLF-SC)

P-008	Masato Matsuura	Singular continuous and nonreciprocal phonons in quasicrystal
P-009	Tomoki Takei	$¥mu^{¥pm}$SR Study on Sodium Metal

MLF-IN：Industrial application

P-010	Hidenori Iwashita	Neutron-induced SEU cross section measurements at J-PARC and prompt gamma-ray analysis of contributing elements
P-011	Junya Kobayashi	Structural Analysis of microemulsion formed from polymer surfactant polyglycerol esters in digestive enzyme treatment
P-012	Masashi Ono	The distribution of D2O in the hair under high humidity condition
P-013	Yuji Sunada	Method for Correcting J-PARC double pulse to deduce neutron-induced SEU cross sections up to tens of MeV

MLF-TE：New technology and developments for Neutron

P-014	Andrew G. Manning	Recent progress with polarised neutron scattering capabilities at ACNS
P-015	Ayato Miura	Stopping Power Measurement Using Ultra-Slow Muons
P-016	Dai Yamazaki	Development of a focusing supermirror for GISANS measurement at the reflectometer BL17
P-017	Goeran Jan Nilsen	Polarised neutrons at ISIS: recent developments and highlights
P-018	Hiroyuki Aoki	Cloud Application Suite for Neutron Reflectometry
P-019	Hitoshi Endo	Investigation of Specular Reflection by Means of MIEZE
P-020	I Huan Chiu	Multi-element imaging method based on neutron capture gamma-ray measurement
P-021	Jumpei G Nakamura	Current status of the S1 instrument and supporting infrastructure
P-022	Kazuhiro MORI	Development of Operando Neutron Diffraction Measurement system for all-solid-state fluoride batteries on BL09 SPICA
P-023	Kazuo Muramatsu	Development of 3D Graphene Structures as Neutron Reflectors
P-024	Kosuke Hiroi	Concept of spin-echo modulated SANS measurement at MLF

P-025	Makoto Teshigawara	Strategic nano-sized materials development for enhancement of neutron beams below cold neutrons
P-026	Masafumi FUKUZUMI	Team graphene flower No.3 -Microscopic approaches of Nanostructured Graphene for Neutron Coherent Scattering-
P-027	Masahiro Hino	Toward very small d-spacing neutron monochromator
P-028	Masako Yamada	Progress status of the upgrade project at BL16 SOFIA (MLF)
P-029	Masao Watanabe	Development of pulsed magnet system at MLF
P-030	Ryoichi Kajimoto	Development of Glue-Free Slits for Fermi Choppers by Thermal Spraying of B4C
P-031	Ryuju Kobayashi	Fabrication and Evaluation of 3He Neutron Spin Filter in J-PARC MLF
P-032	Ryuto Fujitani	An Analytical Approach of an Oscillating Magnetic Field using a Neutron Spin Interferometer for Magnetic Fields Imaging
P-033	Shingo Takahashi	Half-polarized neutron diffraction experiment using an in-situ 3He neutron spin filter at SENJU
P-034	Shinichi Shamoto	DymPDF analysis of YBa2Cu3O6.0
P-035	Shinichiro Yano	Polarized neutron scattering capabilities on the cold triple axis spectrometer Sika in ANSTO
P-036	Shusuke Takada	Recent Advancements and Operational Applications of 3He Spin Filters at MLF Beamlines
P-037	Sohei Imajo	Measurement of surface roughness of metals with an ultracold neutron reflectometer
P-038	Sohtaro Kanda	Simulations of a Muonium Atom Interferometer with Light Pulses
P-039	Takashi Ino	In-situ polarized 3He neutron spin filter on POLANO
P-040	Takuro Kawasaki	Compact neutron diffraction system utilizing a two-dimensional scintillation detector
P-041	Tatsuro Oda	MIEZE spin echo measurement with a 3He spin filter on a small-angle neutron scattering from iron oxide nano particles
P-042	Tetsuya R. Yokoo	Development of Magnetic Systems on POLANO
P-043	Tetsuya R. Yokoo	Recent Progress on Neutron Polarization Spectrometer POLANO
P-044	Yohei Noda	Team graphene flower No.5 SANS evaluation of nanosized graphene materials
P-045	Yuga Nakazawa	Time-of-flight measurement of ultra-slow muons at J-PARC MUSE
P-046	Yujiro Ikeda	Novel experimental devise to observe effective increase of slow neutrons scattered by graphene plate as an efficient guide
P-047	Yukihiko Kawamura	Development of Laser Heating Apparatus for In-situ Magnetic SANS Measurement of Steel
P-048	Yusuke Tsuchikawa	Development of Li-glass fiber detector as a neutron flux monitor

MLF-BI：Biology

P-049	Amba Datt Pant	Oxygen dependent muonium relaxation in liquid and frozen water
P-050	Anjan Dahal	Anisotropic Muonium Observed in PBS buffer
P-051	Anup Shrestha	Behavior of Muon and Muonium in Oxyhemoglobin Solutions
P-052	Anup Shrestha	Muon Dose Estimation in Brain Tumor
P-053	Ichiro Tanaka	A new approach to grow large biological single crystals
P-054	Justin Bergmann	NMX Macromolecular Diffractometer at ESS

P-055	Katsuhiro Kusaka	Current status and future prospect of iBIX

MLF-SO：Softmatter

P-056	Akane Taniguchi	Neutron Reflectivity Studies on Intermixed Interface of a Polystyrene Thin Film with the Absorbed Layer of the Random Copolymer Having the Different Molecular Composition
P-057	Fumiya Nemoto	Structure of lamellar under shear flow at solid surface
P-058	Hideki Seto	QENS Studies on Hydration Water at Biocompatible Materials
P-059	Hiroki Iwase	Construction of an advanced humidity control sample environment on the small and wide angle neutron scattering instrument TAIKAN at J-PARC MLF
P-060	Naoya Torikai	Interfacial Segregation of Diblock Copolymer in a Polystyrene Thin film Investigated by Neutron Reflectometry
P-061	Ryo Tsurui	Neutron Reflectivity Studies on the Interfacial Structure of a Polystyrene Adsorbed Layer with the Spin-Coated Thin Film by Thermal and Solvent Annealing
P-062	Ryosuke Kadono	Slow polymer dynamics in poly(3-hexylthiophene) probed by muon spin relaxation
P-063	Shigeki Uzuki	Structural Analysis of Perfluorinated Sulfonic Acid Ionomers (PFSAs) Using Small Angle Neutron Scattering
P-064	Tatsuya Sobajima	Neutron Reflectivity Studies on the Adsorbed Structure of Water-Soluble Polymer as a Lubricant at the Solid Interface
P-065	Yi-Fan Chen	Uncoupling between the lipid membrane dynamics of differing hierarchical levels
P-066	Yohei Noda	DNP-SANS study of human hair with TEMPOL solution soaking method
P-067	Yuki Hirota	Analysis of water dynamics in polysaccharide materials using quasi-elastic neutron scattering

MLF-IM：Imaging

P-068	Daigo Setoyama	Neutron laminography with a tilted detector arrangement
P-069	Francesco Grazzi	Neutron imaging analysis of morphological and microstructural properties of metal artefacts for historical and industrial metallurgy research: the CNR and INFN experience on RADEN
P-070	Hirotoshi Hayashida	Time-of-Flight Spin-Echo Imaging: Improving sensitivity to magnetic field
P-071	Hiroyuki Noumi	High-momentum muon beams at J-PARC
P-072	I Huan Chiu	Development of elemental 3D imaging method by muonic X-ray measurement using CdTe-DSD
P-073	Kenichi Oikawa	Neutron Imaging Study of a Naginata and Spears
P-074	Takenao Shinohara	Development on high-resolution neutron imaging in J-PARC MLF
P-075	Yoshio Kamiya	Development of a Neutron Imager using CMOS Imaging Sensors
P-076	Yukinori Nagatani	Muon Microscopy Projects in J-PARC

MLF-MR：Materials Engineering, Residual stress

P-077	Kaoru Hara	SANS experiments using cement pastes in TAIKAN and data analysis for subtracting incoherent scattering components
P-078	Kazuki Ohishi	Small-Angle Neutron Scattering Observation of Aging Precipitation in Aluminum Alloys

P-079	Kazuya Aizawa	Observation of compressive deformation behavior of brittle alloys via in situ hybrid neutron diffraction
P-080	Mao Yuan Luo	Revealing Deformation Mechanisms in CoCrFeMnNi High Entropy Alloys Subjected to Low-cycle Fatigue via in-situ Neutron Diffraction Measurements
P-081	Stefanus Harjo	Research Trends and Highlights in TAKUMI of J-PARC
P-082	Takayuki Yamashita	Deformation Behavior of Friction Stir Welded Super Invar Alloy
P-083	Toko Tokunaga	Clarification of Mechanical behaviors of Mg/LPSO phase alloys with multimodal microstructure
P-084	Wu Gong	Revealing deformation mechanisms at 21 K in AZ31 Mg alloy using TAKUMI

MLF-FE：Functional Materials, Energy science

P-085	Akihiro Koda	Cation Molecular Dynamics in Hybrid Organic-Inorganic Perovskite MAPbI3: Reanalysis of the muSR Results
P-086	Kazuki Ohishi	Development of Battery Cells for Operando SANS Measurements
P-087	Prem Raj Joshi	Electrical Simulation of Perovskite Solar Cell Using OghmaNano Software
P-088	Seungyub Song	Structural and Electrochemical studies of Sr doped LaF3 Fluoride-ion Conductors

MLF-EA：Elemental analysis

P-089	Kazuhiko Ninomiya	Determination of isotopic composition of lead by muon induced gamma-ray measurement
P-090	Kazuhiko Ninomiya	Non-destructive bulk elemental analysis using muon beam for asteroid Ryugu particles

MLF-DE：Deuteration

P-091	CHIE SHIBAZAKI	A method for site-selective deuteration of amino acids and the development of new biopolymer materials
P-092	Kazuhiro Akutsu	Deuteration of organic phosphonic acid extractant for neutron applications

MLF-AL：Amorphous, Liquid

P-093	Hiroshi Abe	Nano-confined Water and Double Gyroid Structure in Ionic Liquids
P-094	Shinya Hosokawa	Local Atomic Structures of Ga-Ge-S Glasses
P-095	Shinya Hosokawa	Local Atomic Structures of Ge-S Glasses
P-096	Shusei Maruyama	Nanostructure of water in ionic liquids

MLF-HP：High Pressure

P-097	Asami Sano-Furukawa	Design of Opposed-Anvil High-Pressure Cell for Neutron Diffraction Experiments at Low-Temperature
P-098	Koji Munakata	Development and application of techniques for low-temperature and high-pressure single-crystal neutron diffraction
P-099	Shota Saito	Development of high-pressure μSR method at J-PARC and Pressure dependence of magnetism in organic Mott insulator

MLF/PN-PH：Fundamental physics of neutron and muon

P-100	Amba Datt Pant	Surface effect on ultracold muonium emission from n-Si
P-101	Go Ichikawa	Measurement of a neutron whispering gallery using a pulsed neutron source

P-102	Haruki E Shimizu	Precise measurement of (_^3)He absorption cross sections for neutrons using the J-PARC pulsed neutron source.
P-103	Hayato Sato	Beam Kicker in J-PARC Muon g-2/EDM experiment
P-104	Mahiro Fushihara	Towards the Precision Measurement of the Hyperfine Splitting in Muonium at J-PARC with a High Intensity Muon Beam and a Magnetic Field
P-105	Mao Okuizumi	Development of an In-situ SEOP System for the Measurement of Spin Correlation Terms in (n, γ) Reactions
P-106	MASAKI TANIDA	Current status of neutron lifetime measurement using solenoidal magnetic field
P-107	Masato Kimura	Measurement of ultraslow muon beam property at the MLF S2 area for the J-PARC muon g-2/EDM experiment
P-108	Masayuki Hiromoto	Search for gravity-like short range new interactions in the submicron range by coherent neutron scattering using V nanoparticle target
P-109	Naritoshi Kawamura	A new approach for Mu-antiMu conversion search
P-110	Ryota Kondo	New Interaction Search by Means of Small-Angle Neutron Scattering off Hydrogen-Storage Vanadium Nanoparticles
P-111	Sayan Ghosh	Investigation of the Complex Spin Dynamics of Ba3NdRu2O9, Through Muon Spin Relaxation
P-112	Shiro Matoba	Development of an instrument for measuring muon mobility in the gas
P-113	Shusei Kamioka	Simulation study on the ultra-slow muon source at the H2 area for the J-PARC muon g-2/EDM experiment
P-114	Takanori Mogi	Neutron lifetime experiment aiming for 1 s precision at J-PARC
P-115	Taro Nambu	Development of Cold Neutron Interferometer using Multilayer Mirrors and Measurement of Neutron-Nuclear Scattering Length
P-116	Yu Goto	New Muonic Helium HFS Measurements at J-PARC MUSE and Research to Improve Precision

MLF-ZZ : MLF/ the others

P-117	Baoxi Liu	Deformation texture and dislocation density evolution for multilayer metals with laminate/network interface during in situ tensile deformation
P-118	Daichi Kawana	Recent developments of YUI and HANA in HRC
P-119	Daichi Ueta	Neutron intensity and resolution using small angle detectors in HRC
P-120	Hidetoshi Ohshita	Operation of a nitrogen gas-filled neutron beam monitor at J-PARC MLF
P-121	Hiroyuki Hasemi	Current Status and Future Plan of Instrument and Experiment Control System in J-PARC MLF
P-122	Izumi Umegaki	Muon Science at D2 experimental area at MLF, J-PARC
P-123	Kosuke Umeda	Study and Improvement of Vacuum Ultraviolet Optics Towards Ultra Slow Muon Generation
P-124	Masahide Harada	Operation experiences of radioactivity monitoring system for the mercury system in J-PARC
P-125	Mitsutaka Nakamura	Road to 1MW: Neutron Science and Technology at MLF
P-126	Ryota Komine	Evaluation of vibration characteristics and construction of control system for fast disc chopper

P-127	Sara Yamauchi	Recent Developments in the Sample Environment at KEK Neutron Science Beamline
P-128	Shin-ichi Takata	In-situ measurements using the sample environment devices for the small- and wide-angle neutron scattering instrument, BL15 TAIKAN
P-129	Shoichiro Nishimura	Development of High-Field μSR Spectrometer at J-PARC
P-130	Sohtaro Kanda	Muon Spin Spectrometer at MLF MUSE U1A: Commissioning results and upgrade plans
P-131	Soshi Takeshita	Local magnetic field at negative muon in simple organic materials
P-132	Soshi Takeshita	Negative muon spin relaxation/rotation at D-Line MUSE J-PARC
P-133	Taiki Tominaga	Top and bottom guiding effects on sample position reproducibility in quasi-elastic neutron scattering with temperature variation
P-134	Takahiro Yuasa	Upgrade of a Dipole and Triplet Magnet for D-line at J-PARC MUSE
P-135	Takashi Honda	Sustainable management strategy and plans at NOVA, J-PARC MLF
P-136	Takashi Saito	Special Environment Powder Diffractometer BL09 (SPICA) in J-PARC
P-137	Takayuki Yamazaki	H-line: High-intensity pulsed muon beam at MLF, J-PARC
P-138	Takeshi Yamada	Commissioning of Compact High Temperature Furnace for BL02 DNA spectrometer

MLF-FP：Future plan of neutron and muon facilities

P-139	Ginga Kitahara	Optimization of New Moderator Conditions on BL08 SuperHRPD using McStas simulation
P-140	Koichi Saruta	Recent Progress of General Control System for Materials and Life Science Experimental Facility at J-PARC
P-141	Masahide Harada	Preliminary neutronic performances of Spallation Neutron Source of Second Target Station at Materials and Life Science Facility in J-PARC
P-142	Motoki Ooi	B4C-Gd2O3-Al mixed decoupler for J-PARC neutron source

DAT：Data Acquisition and Data Analysis

P-143	Che-Sheng Lin	Automated Phase Selection Method for PLLs without Zero-Delay Mode in AMANEQ Modules in the J-PARC MARQ-E50 Experiment
P-144	DAIKI OGAWA	Development of GPU-based Level-3 trigger system
P-145	Fumiya Furukawa	Development of High Level Online Filtering of the General Purpose Streaming DAQ system used in the T103 Experiment
P-146	Kotaro Shirotori	Test experiment of the trigger-less streaming-readout data acquisition system at the J-PARC hadron facility
P-147	Manabu Moritsu	A study to suppress a sneaking cosmic muon background in the COMET experiment
P-148	Rintaro Kurata	Performance evaluation of new MPPC readout board for the Λp scattering experiment at J-PARC
P-149	Ryoji Kiyanagi	Automatic Data Selection of Single Crystal Diffraction Data by Autoencoder
P-150	Shunnosuke Nagafusa	Performance improvement of DAQ for the J-PARC E16 experiment
P-151	Takashi Ohhara	Development of a Web-Based Data Processing Application for a TOF Single-crystal Neutron Diffractometer SENJU
P-152	Tomochika Arai	Online monitor and data quality check of the Super-FGD for the T2K off-axis near detector

P-153	Yoshihisa Ishikawa	Development of a Peak Shape Identification Algorithm based on Machine Learning for SENJU

DET：Detectors

P-154	Alex Miles	Quality Control of Multi-Pixel Photon Counters Using the MPPC Integrated Light Evaluation System for the COMET Experiment
P-155	Joseph Don Parker	New Readout Element for Improved Spatial Resolution of the μNID Event-Type Neutron Imaging Detector
P-156	Kaoru Sakasai	Characteristics of boron-coated straw tubes and its MC simulation
P-157	Katsushige KOTERA	SiPM applications in the KOTO detector
P-158	Keita Ono	In-beam charged particle detector using 0.2-mm thick scintillator film for KOTO
P-159	Kentaro Toh	Multiwire-type Two-dimensional Neutron Detector with High Pressure for J-PARC MLF BL17 Neutron Reflectometer
P-160	Kenya Okabe	Performance evaluation of SiC muon beam monitor for COMET experiment
P-161	Koki Hayashi	Development of Water-based Liquid Scintillator Tracker
P-162	Masaaki Higashide	Construction and basic performance evaluation of the straw tube tracker for the COMET experiment
P-163	Megumi Naruki	Research and Development of RICH-type detector for High-momentum Secondary Beam
P-164	Mei Homma	Development of a calorimeter toward the KOTOII experiment
P-165	Naoki Otani	The Development of a New Scintillation Tracker for the NINJA Experiment
P-166	Rento Yamada	Performance evaluation and development of silicon strip detector for the J-PARC E16 experiment
P-167	Ryo Nagai	Status of the COMET Cylindrical Drift Chamber at J-PARC
P-168	Ryoka Sasaki	Performance test towards the construction of Cylindrical Trigger Hodoscope in COMET Phase-I
P-169	Shiro Matoba	Developing a high-sensitivity microchannel plate
P-170	Taiga Toda	Performance test of a prototype Ring-Imaging Cherenkov detector for the MARQ spectrometer
P-171	Takahiro Mizuno	Development of MPPC cooling system for COMET trigger counter
P-172	Tatsuya Nakamura	Large area, rectangular shaped position-sensitive scintillation neutron detectors for SENJU diffractometer at J-PARC MLF
P-173	Yuto Kawata	A method for measuring the photon detection inefficiency due to photo-nuclear reaction for photon detector

ADS-ACC：Accelerator technology for ADS

P-174	Bruce Yee-Rendon	LLRF requirements for the JAEA-ADS linac
P-175	Bruce Yee-Rendon	Power estimations for the JAEA-ADS linac
P-176	Hayanori Takei	Investigation of differences in the mean time between beam trips between normal-conducting and superconducting acceleration cavities

ADS-APP：Other application of facility for ADS

P-177	Hiroki Iwamoto	A machine learning-based approach to estimate nuclide production cross sections

P-178	Shigeru Saito	Post Irradiation Examination (PIE) Facility for R&D of ADS and high-power target materials at J-PARC

ACC : Accelerators

P-179	Aine Kobayashi	Evaluation of the stripline-kicker at the J-PARC main ring using 3D electromagnetic-field calculations
P-180	Chihiro Ohmori	Wideband VHF Cavity to Control Emittance of MR beam for slow extraction
P-181	Eiichi Yanaoka	Algorithm of Bump System in Slow Extraction at J-PARC Main Ring
P-182	Ersin Cicek	Beam Measurements of the 2-MHz Oscillations at J-PARC LINAC
P-183	Fumihiko Tamura	Single Bunch Injection Scheme for Doubling the Beam Intensity of J-PARC Main Ring
P-184	Genki Onoda	Development of pulse train laser system for laser stripping process at J-PARC ion beam facility
P-185	Hidefumi Okita	Upgrade activities toward beyond 1MW beam at J-PARC Rapid-Cycling Synchrotron
P-186	Hideto Nakano	Study of Neutrons due to Beam Loss in the RCS Extraction Section
P-187	Hiroki Takahashi	Present Status of New Synchronized Data System for J-PARC RCS
P-188	Hiromi Iinuma	Validation experiment for 3-Dspiral beam injection scheme
P-189	Hiroshi Sakai	Development of Applications on Beam-Profile Monitors for Injection Beam in J-PARC MR
P-190	Hiroyuki Harada	Laser stripping experiment of 400 MeV H- beam in J-PARC
P-191	Ippei Yamada	Sustainment and Improvements of J-PARC RCS Vacuum System
P-192	Isao Yamane	Charge-exchange of J-PARC 400 MeV H- beam by 532 nm laser
P-193	Junpei Takano	Beam commissioning with the new power supply for the pulsed bending magnet
P-194	Katsuhiro Moriya	Proposal of simultaneous acceleration of H+/ H- beams in the J-PARC Linac
P-195	Katsuhiro Shinto	Decadal Operation of the Cesiated RF-driven Ion Source for Negative Hydrogen Ions at J-PARC
P-196	Kazami Yamamoto	Study for an Estimation of the Neutron Energy Spectrum at the Injection Dump of J-PARC 3 GeV Rapid Cycling Synchrotron
P-197	Kazunori Numai	Preparation of Electrostatic Septum Spare Unit and Improvement of Yoke
P-198	KENTA FUTATSUKAWA	Development of Automated RF Startup Tool After Half-Day or Full-Day Maintenance for J-PARC LINAC LLRF
P-199	Kiyomi Seiya	Anode power supply upgrade for 1.3MW Operation in the Main Ring
P-200	Kota Okabe	Investigation of 50Hz high repetition rate of J-PARC Linac
P-201	Kunihiro Kojima	Study of 3rd-order resonance compensation for off-momentum particles using the octupole magnets in the J-PARC RCS
P-202	Kyosuke Adachi	Introducing GPU backend of BLonD to longitudinal beam simulations for J-PARC synchrotrons
P-203	Masahiko Uota	Analysis of Residual Gas Induced by High Intensity Proton Beams at the J-PARC Main Ring Synchrotron with a Standard Commercial QMS
P-204	Masahiro Yoshimoto	Recovery from the breakage of the charge stripping foil exchange system
P-205	Masahito Tomizawa	Recent Progress in Stretcher Ring Design for J-PARC Slow Extraction
P-206	Masahito Tomizawa	Statistical Analysis of J-PARC Main Ring Beam Operation Performance
P-207	Masanobu Yamamoto	Operation status of Tetrode vacuum tubes in J-PARC Ring RF system

P-208	Masashi J. Shirakata	Re-Design of the Abort Beamline in J-PARC MR
P-209	Masashi Otani	Measurement of the beam parameters and extinction after the J-PARC RFQ
P-210	Min Yang	Implementation of PLC-Type Timing Receiver on New Pulsed-Bending Magnet Power Supply in J-PARC Main Ring
P-211	Motoki Chimura	Calculation of Emittance Growth Suppression Utilizing Nonlinear Field in J-PARC Linac Beam Transport Line
P-212	PRANAB KUMAR SAHA	Progress of laser stripping of the H- beams at J-PARC in 5 years
P-213	Ryo Kitamura	Recent studies related to the MEBT1 of J-PARC linac
P-214	Ryotaro Muto	Optimization of Beam Diffuser in Slow Extraction at J-PARC Main Ring
P-215	Shota Nagayama	Design of the non-destructive electrostatic septum and simulation of a slow extraction in J-PARC
P-216	Soma Iwata	Validation of Fast Extraction Beam Orbit Calculations in J-PARC Main Ring
P-217	Takaaki Yasui	Beam loss reduction at extraction by a new beam optics in J-PARC MR
P-218	Takanori Shibata	A 3D Particle-In-Cell calculation of J-PARC RF ion source: effects due to near antenna electric field
P-219	Takanori Shibata	Status of J-PARC long lifetime and stable RF-driven H- ion source
P-220	Takashi Asami	The results of recent optics measurements and corrections of the J-PARC Main Ring
P-221	Takashi Ito	Study on shape of inner wall surface to suppress the multipactor occured in the J-PARC SDTL
P-222	Takatoshi Morishita	Operation Status and Upgrade Plan of J-PARC Linac
P-223	Tatsunobu Shibata	The high field septum magnet SM32 for fast extraction in J-PARC MR
P-224	Tomohiro Takayanagi	New kicker power supply for J-PARC RCS
P-225	Tomoi Sasaki	DEVELOPMENT OF A PROFILE MONITOR USING OTR AND FLUORESCENCE FOR APPLICATION TO THE RING'S INJECTION BEAM
P-226	Yasutoshi Kuriyama	Study of data acquisition system toward 50Hz operation of J-PARC Linac
P-227	Yasuyuki Sugiyama	Analysis of the longitudinal microwave instability in the J-PARC MR
P-228	Yoshihiro Shobuda	Suppression of the Longitudinal Impedance of a Kicker Using Diode Stack and Resistors at the RCS in J-PARC
P-229	Yuichi Morita	Correcting Asymmetric Fluctuation of Closed-orbit in J-PARC Main Ring
P-230	Yuji Yamaguchi	Design Study of New 3-GeV Proton Beam Transport Line for MLF Second Target Station
P-231	Yuko Morohashi	Development of UHV Transfer Case for Sample Transport Using NEG Coating
P-232	Yulian Tan	New trim-sextupoles control system for third-order resonance correction in J-PARC MR

SAF：Safety

P-233	Eunji Lee	Measurement of neutron spectra at J-PARC Neutrino facility target station using liquid scintillator
P-234	Kiwamu Saito	Development of a PLC-based radiation monitoring data acquisition system
P-235	Masahide Harada	Sample Radioactivity Evaluation program (SARE) at Materials and Life Science Facility in J-PARC

P-236	Masumi Suzuki	Measurement of Radioactivity in the Cooling Water for the Primary Beam-line Components at the J-PARC Hadron Experimental Facility
P-237	Tuyet Kim Tran	CsI(Tl) crystal test at the neutrino target station for measurement of secondary particle spectrum
P-238	Yasuo Kobayashi	PPS of Muon experiment area
P-239	Yoshifumi Sakaguchi	User equipment safety inspection at the MLF J-PARC

PN : Particle and Nucleus Physics (Theory and Experiment)

P-240	Akari Haratani	Feability study of (π ?, K0) reaction spectroscopy using S-2S spectrometor
P-241	Akinori Higashi	Estimation of the total cross section of the π - p → ? n reaction near the threshold
P-242	Chesu Seong	Prospect of (_ Λ ^4)H gamma-ray spectroscopy at J-PARC
P-243	Daigo Watanabe	Analysis of background study for (π + , K+) reaction spectroscopy experiments by S-2S spectrometer
P-244	Fumiya Oura	Exclusive study of $¥bar{K}$-nucleon many-body system via ^{12}C(K^{-},p) reaction at J-PARC
P-245	Haein Lee	Search for a new ??* resonance near ???? threshold
P-246	Hiroyuki Sako	Studies of in-medium modification phi meson mass with K+K- decays in proton-nucleus collisions at J-PARC
P-247	Kaito Shimazaki	Glass GEM upgrade for next generation HypTPC development
P-248	Kanta Asai	Development of an epithermal neutron polarization device for the T-violation search experiment using compound nuclei
P-249	Kengo Ebata	The missing-mass spectroscopy for few-body Ξ hypernuclei via the 7Li(???, ??+) reaction
P-250	Kento Kamada	X ray spectroscopy of carbon-Ξ atoms at J-PARC E96 experiment
P-251	Kohki Amemiya	Analysis method using machine learning for the HypTPC experiments
P-252	Kyoichiro Ozawa	Future Projects for Heavy Ion Experiment at J-PARC
P-253	Manami Fujita	Results and Future Prospects of X-ray Measurement of Ξ Br, Ξ Ag, and Ξ C atoms
P-254	Masaya Ichikawa	New approach to the analysis of the spectral modification of vector meson in nuclei using PHSD transport calculation
P-255	Naoto Onda	Measurement of high-intensity T2K neutrino beam profile and stability using on-axis near detector INGRID
P-256	Philipp Gubler	The phi meson properties in nuclear matter from transport simulations of proton-nucleus collisions at KEK and J-PARC
P-257	Rintaro Nakabe	Neutron transmission experiment using polarized neutrons and polarized 139La at J-PARC
P-258	Ryoh Imamoto	Development of a precise energy calibration method of Ge detectors for Xi- Carbon atomic X-ray measurement at J-PARC
P-259	Ryoko Kino	Advancements in High-Precision Decay Pion Spectroscopy of s-shell Hypernuclei at MAMI
P-260	Ryuta J. Saito	Cusp spectroscopy at the Λ η threshold
P-261	Sakiko Nishimori	Evaluation of neutral kaon production with NA61/SHINE to improve the accuracy of neutrino flux estimation in T2K

P-262	Saya Iwai	Performance of S-2S spectrometer for the missing-mass spectroscopy of Ξ hypernuclei
P-263	Shintaro Tanaka	Search for Hidden-Strangeness Pentaquark State from Photoproduction
P-264	Shiori Kawamura	Study of the distribution of partial radiative widths for 181Ta(n, γ)182Ta reaction
P-265	Shuhei Hayakawa	Experimental programs using HypTPC at J-PARC
P-266	Shunsuke Endo	Measurements of circular polarization from the 0.75-eV p-wave resonance of the 139La(n, γ)140La reaction
P-267	Shunsuke Kajikawa	Study of high-momentum hadron beam reactions with EMPHATIC data for charmed baryon spectroscopy at J-PARC
P-268	Takeshi K Harada	High resolution spectroscopy of Ξ hypernculei via the 12C(K-, K+) reaction
P-269	Takumi Yamaga	Study of mesonic decay branches of the KbarNN
P-270	Takuya Nanamura	Recent progress and prospect of Σ ±p scattering experiments
P-271	Takuya Okudaira	Search for time-reversal symmetry violation using a polarized neutron beam and a polarized target
P-272	Yoshinori Fukao	Construction and Beam Commissioning for the COMET Experiment
P-273	Yuto Kimura	The devlopment of new Cylindrical Detector System for the systematic investigation of light kaonic nuclei

PN-TECH：Technologies for particle and nuclear experiment

P-274	Chihiro Yamada	CyDet Trigger System for COMET Phase-I
P-275	Takaya Akaishi	Status for secondary particle extraction in the high-momentum beamline at the J-PARC Hadron Experimental Facility
P-276	Yota Hino	Development of the Beam Monitor Detectors?for the Low-E Beamline at the CERN SPS H2 Line

PN-NR：Neutrino reactions in Nuclear and Particle physics

P-277	Hiroshi Ito	A new experiment to measure the neutrino-oxygen NCQE scattering with the BGO-based detector in a short-baseline neutrino facility
P-278	Hokuto Kobayashi	Development of Electron Identification Methods Using Multiple Detectors for Electron-Neutrino Event Selection in The Upgraded T2K Near Detector
P-279	Ryo Shibayama	Measurement of neutron and gamma-ray background for future neutrino NCQE scattering experiments
P-280	Wataru Okinaga	Development of evaluation method on detector systematic errors for the SuperFGD in the upgraded T2K near detector
P-281	Yuki Shiraishi	Analysis of the high momentum charged kaons in the NA61/SHINE experiment to reduce the uncertainty of the T2K neutrino flux estimation

TAR：Target and beam intercepting device

P-282	Hikaru Sunagawa	Development of bearing monitor of muon target at J-PARC MLF
P-283	Hiroyuki SHIDARA	3D-Printed Aluminum Alloy Beam Window for COMET Project in Phase-1
P-284	Shiro Matoba	Developing monitoring system with infrared camera for muon production target
P-285	Takashi Naoe	Gigacycle fatigue strength evaluation of welded 316L stainless steels for mercury target vessel
P-286	Yusuke Uchiyama	Radiation Shielding System for the COMET Pion Capture Solenoid

ART-SCI ：Research on the integration of arts and science

P-287	Masaya Kuzuba	Operation Test of a Measuring Instrument for Muographic Investigation of Funatsuka Tumulus No.2 in Tokai Village Using Cosmic Ray
P-288	Motonobu Tampo	Muonic X-ray measurement system for historical-cultural heritage samples in J-PARC

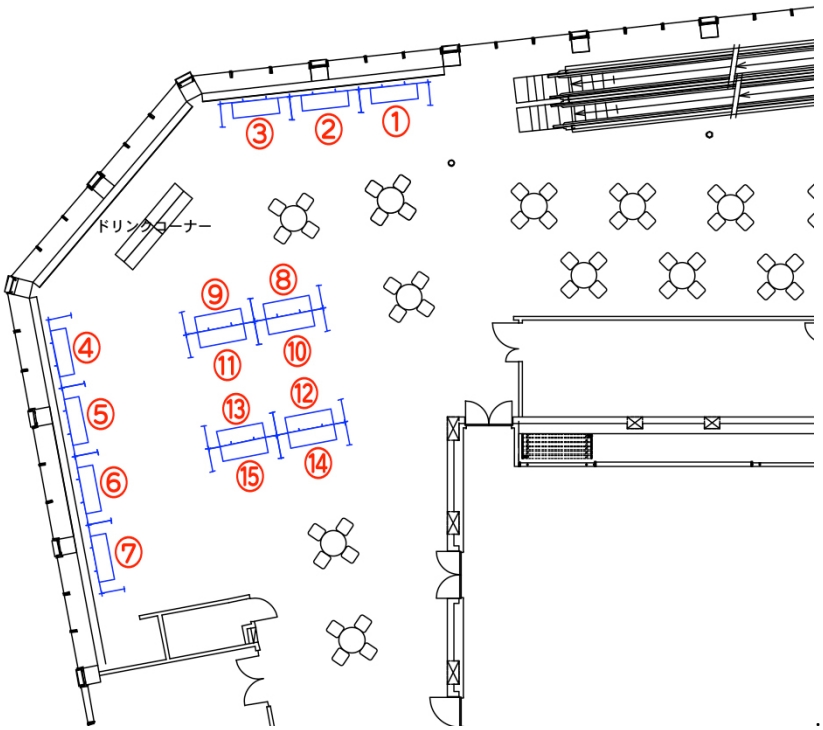
MISC：Miscellaneous

P-289	Jamie C Schulz	ANSTO & J-PARC Partnership in Neutron Scattering Science
P-290	Yoshihisa Iwashita	Robust Neutron Transport with Magnetic Gradient Mirror

Company Exhibition

The company exhibition will take place around coffee table (3F). The participants of the symposium are strongly encouraged to visit the booths.

Exhibition hours:
October 15 (Tue): 10:40 - 20:00
October 16 (Wed): 9:00 - 18:00
October 17 (Thu): 9:00 - 16:00



List of Exhibitors:

① MISH International Co., Ltd.
② NIKI GLASS CO., LTD.
③ LEMO Japan, Ltd.
④ R-DEC Co., Ltd.
⑤ ScandiNova Systems
⑥ Rohde & Schwarz Japan
⑦ JEPICO / TELEDYNE SP DEVICES
⑧ Bee Beans Technologies Co., Ltd.
⑨ Metal Technology Co., Ltd.
⑩ Toyo Stainless Steel Kako CO., LTD
⑪ Hitachi, Ltd.
⑫ MITSUBISHI ELECTRIC DEFENSE AND SPACE TECHNOLOGIES CORPORATION
⑬ ÜBER Co., Ltd.
⑭ TSUJI ELECTRONICS CO., LTD
⑮ R&K Company Limited

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