



SCIENCE AGORA 2017

SCIENCE AGORA 2017 Guidebook

November 24 (Fri)-26th (Sun), 2017/10:00-16:00 (*The first day 12:45-18:00) / Telecom Center Building, Odaiba Tokyo

Introduction

Science Agora is a public square connecting science and society, which is open to everyone. It is a forum in which various people promote activities in each region independently by connecting parties involved in different fields, sectors, generations, and nationalities. People who think about the connections between science and technology gather together from all regions, and deepen their ideas through dialogue with the attendees through the sessions and booth exhibitions.

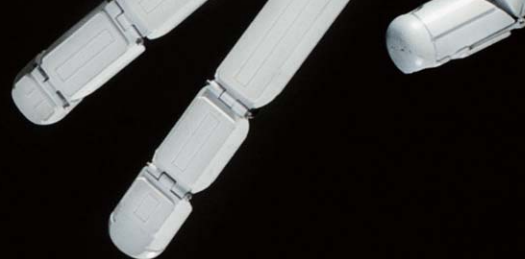
A future woven through dialogue between science & daily life

Science and technology have developed in parallel with wealth and power in the 20th century. However, in the face of limited resources on Earth and growing strain on the world, we are now beginning to see the limitations of science and technology. In particular, as we make the transition from a growth society into a mature society, the Japan of today is confronted by many problems and it has become extremely difficult to see ahead into the future. In such a Japan, it is important for the relevant stakeholders to create a space where they can come together to consider the future of science and society, respect the views of others, and create a future. We hope to foster such a culture. Furthermore, there are diverse attitudes and approaches depending on the country/region and culture, and we hope to explore methods that are unique to Japan.

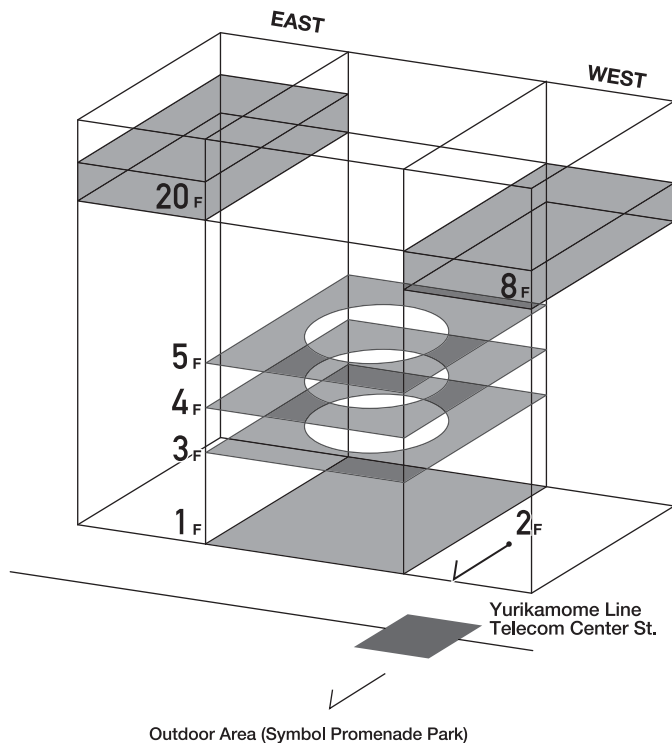


Beyond the boundaries

Amidst the development of science and technology, the specialization and professionalism of the academic disciplines have become dramatically refined, and we have gained the ability to pursue knowledge with greater depth. However, to gain an awareness of the new values of society and solve the diverse issues that it faces in modern times, it is not sufficient to harness just one academic discipline and standpoint, or the wisdom of a single generation. Already, we are beginning to witness moves to interweave the wisdom and knowledge of people across various boundaries. How should we introduce science and technology into our lives so that every individual can be enriched in mind and spirit? What can science and technology achieve? Let's create a space to think about these questions together, across the boundaries of academic discipline, standpoint, country, culture, and generation.



Floor Map



EAST
20_F

WEST
8_F

Meeting Room Area

5_F

Area D
Beyond the boundaries of academic discipline

4_F

Area C
Beyond the boundaries of nationality and culture

3_F

Area B
Interests and concern transcend any of the boundaries

Area A
Beyond the boundaries of standpoint and generation

1_F

AGORA Area
Outdoor Area (Symbol Promenade Park)

Keynote Lecture & Keynote Sessions

In the lectures and panel discussions, we invite guests who have taken up the challenge of creating a better future by utilizing science and technology, to share the diverse ideas and viewpoints needed for our society going forward.

101 Opening Ceremony 108 Closing Ceremony

24
FRI
12:45
13:30

26
SUN
15:30
16:00

1F AGORA Stage

Organizer: Center for Science Communication,
Japan Science and Technology Agency(JST)
Consecutive interpretation available ◀▶

135 Keynote Lecture Meeting Room B, 8F

24
FRI
13:45
15:00

Organizer: Center for Science Communication, Japan Science and Technology Agency(JST)
Simultaneous interpretation available ◀▶

Two specialists working on serious problems in the world talk about their challenges beyond the boundaries.



Let' s engage science to social business achieving a world of 3 Zeros –Zero poverty, Zero unemployment and Zero net carbon emissions-

Muhammad Yunus

Founder, Grameen Bank/Nobel Peace Prize laureate in 2006, Bangladesh

Professor Muhammad Yunus is an economist who received the Nobel Peace Prize in 2006. He founded Grameen Bank in Bangladesh, and is the father of microcredit, which provides unsecured and low-interest small loans mainly to women living in poverty. He has been highly commended for his efforts toward eradicating poverty in the world.

Professor Yunus is working to combine the power of technology, youths, good government, and social business with the aim of realizing a world with zero poverty, zero unemployment, and zero net carbon emissions. He will speak about the importance of academia creating opportunities to turn young people who focus on serious problems faced by society, such as poverty, into problem solving entrepreneurs who can bring about cooperation across the boundaries of academic discipline, perspective, country, culture, and generation.



The Challenge for Scientist Social Responsibility; Development of Resilient Society in Disaster Prone Region;

Dwikorita Karnawati

Professor, Engineering and Environmental Geology at Universitas Gadjah Mada(UGM), Indonesia

Prof. Karnawati, former president of Gadjah Mada University (Indonesia), is addressing the problem of natural disasters that are becoming increasingly serious with local residents. In cooperation with students and faculty members, she actively created the collaboration of local communities and created new disaster countermeasures through the establishment of an early warning system of groundbreaking landmarks. She is going to talk about what mission the scientist should play in society.

Meeting Room B, 8F

15:15 136 Poverty × Gender

16:30 Organizer: Center for Science Communication, Japan Science and Technology Agency(JST)
Simultaneous interpretation available ◀▶

Poverty is the world's most important problem. With world population exceeding 7 billion people, about 700 million people suffer from poverty (living on less than US\$1.90 per day). In Japan, the relative poverty rate is 15.6%, and one in six Japanese people is in a state of poverty. In particular, poverty becomes a problem in a single parent household, 50.8% (2015) people suffer from poverty. This is the highest ratio in the world (second place: 45.0% in the US). Poverty is an urgent issue not only for developing countries but also for the rest of the world. In addition to knowing the actual situation of poverty, we will explore the possibility of challenge to eliminate poverty by science and technology.

Speakers: Kazuo Tase, President & CEO, SDG PARTNERS Inc.

Aya Abe, Professor, Tokyo Metropolitan University

Daichi Konuma, CEO, CROSS FIELDS

Te Vouchlim, Director, Ministry of Women' s Affairs, the Kingdom of Cambodia

16:45 137 Creating Sustainable Future City with STI: A World that Changes by Achieving the SDGs

18:00 Organizer: Task Team on STI for SDGs, Japan Science and Technology Agency (JST)
Simultaneous interpretation available ◀▶

Optimization of cities where people live is extremely important in light of the forecast that 70 to 75% of the world population will become urban residents in 2050. Our main argument will be that in order to achieve a sustainable city, SDG 11 "Make cities and human settlements inclusive, safe, resilient and sustainable", a vast range of interconnected issues to tackle with STI within the frame of SDG11 need to be linked up: these include water scarcity (SDG6), energy (SDG7), food security (SDG2) and infrastructure (SDG9) including transportation. Eminent speakers from Europe, South Africa, Asia, as well as International Organization will get together to discuss about Urban Nexus as a crucial concept for resolving core social problems such as poverty and the deterioration of human wellbeing by also utilizing the power of social sciences. We would like to make this session ultimately aims to present these outcomes from Science Agora 2017 by incorporating the voice of general publics at the coming UN STI forum which is planned to be held in the summer of 2018.

Speakers:Aiko Endo, Associate Professor, Research Institute for Humanity and Nature (RIHN)

Robert-Jan Smits, Director-General of DG Research and Innovation (RTD), European Commission

Flavia Schlegel, Assistant Director-General for the Natural Sciences at United Nations Educational, Scientific and Cultural Organization (UNESCO)

Daan du Toit, Deputy Director-General for International Cooperation and Resources, Department of Science and Technology, South Africa

Isamu Takahara, General Manager, BR-Frontier Research in Policy and Technology Dept., Toyota Motor Corporation / Director and Specially Appointed Professor, R&D Center for Frontiers in Policy and Technology, University of Tsukuba

Sippakorn Khaimook, Research Student (e-ASIA Japanese Government Scholarship), Osaka University

Katsuhito Okubo, Representative of Japan Youth Platform for Sustainability / Regional Focal Point on North, East, and South-East Asia (NESEA) for Habitat process, UN Major Group for Children and Youth

Takao Kuramochi, Senior Deputy Director-General, Center for Research and Development Strategy (CRDS) / Leader of STI for SDGs Task Team, JST

Satoru Ohtake, Principal Fellow (International Affairs) / Sub-leader of STI for SDGs Task Team, JST

25
SAT

Meeting Room A, 8F

10:30 131 Exploration of Life and Organic Compounds in Space: Tanpopo Experiments and Astrobiology beyond

12:30 Organizer: Team of Tanpopo Experiment on Exposure Facility of International Space Station (TOYAKU, JAXA, et al)
Japanese Only

Exposure Facility (EF) where the experiments can be done in space, is attached outside of ISS. Experiments named Tanpopo meaning dandelion is on progress on EF. In Tanpopo Experiment, we are testing how long can terrestrial microbe survive in space environment. Tanpopo instruments were launched on 2015 and returned to the ground after one year exposure, analysis of which are now going on. We will discuss the future development of Astrobiology.

13:30 132 Living in Harmony with Artificial Intelligence: Will AI Replace Your Work?

15:00 Organizer: Department of Innovation Research, Japan Science and Technology Agency(JST)
Japanese Only

Development of Artificial Intelligence (AI) will change our lives. It is expected that AI will bring many benefits to us including high-quality health care services, improvement of the production efficiency in manufacturing, and others. Meanwhile, we may feel anxious because some reports tell that many of our jobs will be replaced.

In this program, we will invite AI researchers, and social science researchers: AI experts on the front lines, and will have a talking session. The main topic is "job", which is one of the closest things to our lives. Decades later, how will AI change our lives, and what will be our jobs? Please join this session if you would like to imagine our lives with AI, and think what we can prepare for AI age.

26
SUN

Meeting Room B, 8F

10:15 140 "Is My Kid Having Difficulties or Just a Little Too Unique?" II -Let's Talk about Implementing Evidence-

12:30 based Support for Children with Developmental Disabilities
Organizer: Research Institute of Science and Technology for Society (RISTEX), Japan Science and Technology Agency (JST)
Japanese Only

In our future society, support beyond existing barriers should be appropriately designed and implemented for children with developmental disorders and their families based on evidence and scientific knowledge. This session introduces some of case studies and tools for overcoming the barriers in communities, looks at the latest developments or methods beyond the fields and areas.

13:30 141 Reproductive medicine in Japan in the era of genome editing

15:00 Organizer: Science Council of Japan, Subcommittee on Genome Editing Technology and Society, Committee for Science and Society
Japanese Only

To date, Japanese society has not sufficiently discussed reproductive medicine, resulting in no relevant legislations. For this, some people go abroad to seek reproductive techniques unavailable in Japan even though Japan is currently a leading state of reproductive medicine. With the advent of genome editing, new reproductive medicine which can create a genetically modified child will likely emerge. However, there has been no great progress in the Government's consideration regarding this issue, and relevant public discussions are also not sufficient. For stimulating the social discussion rather than maintaining the status quo, the present project will hold a multidirectional forum toward the future direction of reproductive medicine involving genome editing.

Pick Up programs

24 FRI 25 SAT 26 SUN

37 Europa Open Science House [Booth] 4F Atrium

Organizer: Delegation of the European Union to Japan
English Available

Europa's Open Science House will feature lively demonstrations, exhibits, posters, and provide opportunities to speak directly with European and Japanese researchers at the cutting edge of research that covers future energy sources, the internet of things, nuclear fusion, and fundamental physics. The booth will provide insights into how Europe collaborates with Japan, and the international nature of modern research and how it transcends all kinds of different boundaries, be they geographical, research disciplines, technologies, and the boundary between the present and the future.

24 FRI 25 SAT 26 SUN

56 South Africa - Science to address Societal Challenges [Poster Booth] 4F Atrium

Organizer: Embassy of the Republic of South Africa in Tokyo, Japan
English Available

The South African Department of Science and Technology (DST) through the Science Forum: South Africa (SFSA), in the partnership with the Science Agora in Japan work closely together on other international platforms such as the American Association for the Advancement of Science (AAAS) and the EuroScience Open Forum (ESOF) to promote science in society dialogue. The partnership also seeks to find ways to address societal challenges in order to meet the Sustainable Development Goals (SDG's).

25 SAT

102 Inauguration: European Participation in Science Agora 2017 [Session] 1F AGORA Stage

Organizer: Delegation of the European Union to Japan
Simultaneous interpretation available ◀▶

10:15

11:45

An opening ceremony to kick off the EU's participation in Science Agora with EU and Member States Ambassadors, science and technology counsellors, representatives of European and Japanese research agencies and participants from our booth.

26 SUN

113 Science Busking [Session] 3F Mini Stage1

Organizer: Korea Foundation for the Advancement of Science and Creativity(KOFAC)
KOR-JPN Simultaneous interpretation available ◀▶ KOR

13:30

15:00

Science Busking brings information on science and technology to the audience in an interactive way of science talking. The public engages with science closer and have interesting and joyful experience with it. The Science Busking focuses on the scientific storytelling that encourages people's curiosity and involvement, which includes fun contents and experiments. Its advantages lie on its adjustability according to the audience on site.

Speakers: Youngjo Song, KAIST, Bio and Brain Engineering
Seunghoon Lee, WePlay, SCO

25
SAT

10:30

13:00

138 Asia × Japan - Special Talk Session: High School Students × Overseas Students × Researchers “Towards the Future of Asia through the Power of Science”

[Session] 8F Meeting Room B

Organizer: Japan Science and Technology Agency (JST), Japan Agency for Medical Research and Development (AMED)

Simultaneous interpretation available ◀▶

In this talk session, Asia × Japan collaboration opportunities through the power of science will be discussed by Japanese high school students working on problem-solving themes on social issues, and overseas students/researchers working on joint research projects with Southeast Asian countries to solve common problems in Asia.

What are collaboration opportunities between Japan and Asian countries through the power of science?

What is the power needed for collaboration with Asia?

What is the future of collaboration with Asia starting from our familiar scientific research?

Let's discuss and share the future image of Asian partnership where the power of science opens!

Speakers:[Researchers from e-Asia JRP] Hiroshi Inoue, National Research Institute for Earth Science and Disaster Prevention

Meng Ling Moi, Nagasaki University

[Students from e-Asia JRP]

Elaine Mission, Kumamoto University

Tran Huu Dat, Teikyo University

25
SAT

14:00

15:30

139 Strengthening Science-Policy Interface for Achieving Sustainable Development Goals: Challenges to Scientific Advice for Policy Making

[Session] 8F Meeting Room B

Organizer: STI for SDGs Task Team, Japan Science and Technology Agency (JST)

Simultaneous interpretation available ◀▶

In order to achieve sustainable development goals (SDGs), science, technology and innovation (STI) are expected to play important role in addressing a wide range of issues and for making more informed and effective policy. Strengthening science-policy interface is required to meet high expectation for STI and to address these “science for policy” challenges.

In this session, government science advisors and executives from Japan and overseas, who are responsible for science advisory mechanisms, will report on the respective efforts and challenges they face in strengthening science-policy interface for SDGs. Then, they will discuss and share views on future directions and common challenges (e.g. linking domestic/local efforts and global efforts, future direction of change required for both the demand and supply side of science advice, capacity building and human resource development, etc.).

Speakers:Teruo Kishi, Science and Technology Advisor to the Minister for Foreign Affairs

David Cope, Former Director, UK Parliamentary Office of Science and Technology / Foundation Fellow, Clare Hall, University of Cambridge

Leonidas Karapiperis, Minister-Counsellor and Head of Science and Technology Section, Delegation of the European Union to Japan

Daan du Toit, Deputy Director-General for International Cooperation and Resources, Department of Science and Technology, South Africa

Peter Tindemans, Secretary General, EuroScience

Tateo Arimoto, Professor, National Graduate Institute for Policy Studies (GRIPS) / Principal Fellow, Center for Research and Development Strategy (CRDS), Japan Science and Technology Agency (JST)

Satoru Ohtake, Principal Fellow, Japan Science and Technology Agency (JST)

24
FRI

14:00

15:30

152 The Landscape of Scholarly Publishing in China, Korea & Japan [Session] 20F Meeting Room 1

Organizer: Department of Databases for Information and Knowledge Infrastructure / Department of Information Planning, Japan Science and Technology Agency (JST)
English Session

National Science and Technology Agency (JST) Department of Databases for Information and Knowledge Infrastructure, Department of Information Planning will hold a Japan-China-Korea International Symposium that invites lecturers from China Institute of Science and Technology (ISTIC), Korea Science and Technology Information Research (KISTI) on Science Agora 2017.

From the viewpoint of a platform operated by public institutions, guest speakers will present on the current status of each country, including the roles, goals and the efforts of scholarly publishing (in particular, electronic journals) in Japan, China and Korea.

Speakers: Dong Cheng, Deputy Director, The Research Center for Information Science Methodology (RCISM), Institute of Scientific and Technical Information of China (ISTIC)

Kim Jeonghwan, Director, Department of Information Infrastructure, S&T Information Center, Korea Institute of Science & Technology Information(KISTI)

Yasushi Ogasaka, Director, Department of Databases for Information and Knowledge Infrastructure, Japan Science and Technology Agency (JST)

25
SAT

10:30

12:00

158 Science, and how to communicate it! [Session] 20F Meeting Room 2

Organizer: Walid Yassin
English Session

Science is no longer done in a vacuum with a small number of local people. International projects are the norm and cross disciplinary work is now required to tackle major scientific issues. Science communication is frequently viewed by scientists as being optional or too difficult. In many countries, including Japan, science made within the borders is not well communicated throughout the world. We would like to go beyond the boundaries of each country and show you how to globalize such communication. Our team will hold sessions on science communication, science communication through social network, science writing, multidisciplinary approaches in academia, as well as a session on Science and technology. The goal is to get researchers to better communicate their research through several different mediums that we are instructing. These learned skills will therefore be omnipresent during an individual's professional life.

Speakers: Amenda Alvarez, Science writer and communicator at the Brain Science Institute, RIKEN

Elizabeth Tasker, Associate professor at JAXA, Science communicator

Matt Escobar, Science communicator, the National Museum of Emerging Science and Innovation (Miraikan)

Walid Yassin, Doctoral student at the department of child neuropsychiatry, University of Tokyo

Other Recommendations (English Available)

07 Science QAmunication!

[Booth] November 25th(Sat), 26th(Sun), 1F AGORA area

Organizer: Hokkaido University, CoSTEP

08 Painted Lacquer-Base gives special effect on gold leafing of Kinkaku-ji Temple

[Booth] November 25th(Sat), 26th(Sun), 1F AGORA area

Organizer: Team URUSHI Science

115 Where do we go with Big Science ?

[Session] 10:30-12:00, November 26th(Sun), 4F Mini Stage 2

Organizer: KEK

142 Quantifying the use of hot spring resource in culture and energy production!

How to pass Onsen culture down the multi-generation and multi-nationality?

[Session] 13:45-15:45, November 24th(Fri), 8F Meeting Room C

Organizer: Water-Energy-Food Nexus Project, Research Institute for Humanity and Nature

146 Challenges to achieving regional problems through SDGs for Children and their Parents

[Session] 13:00-15:30, November 26th(Sun), 8F Meeting Room C

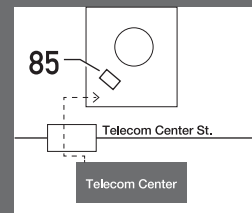
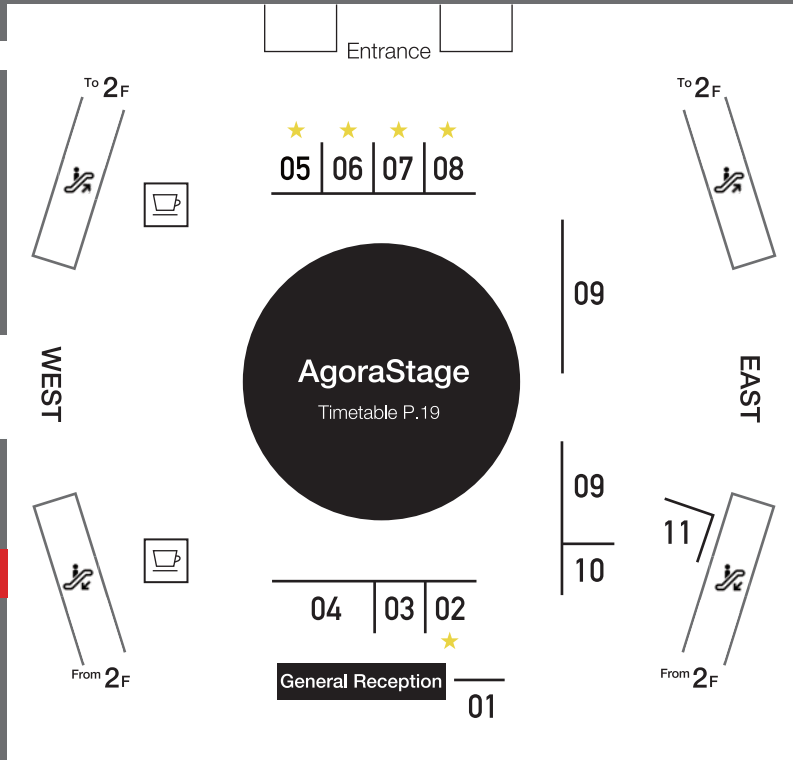
Organizer: Global KOSENS & Nagaoka University of Technology Project (GKNP)



Floor map 1F/3F/4F/5F

-  Escalator
-  Elevator
-  Cafe

Convenience Store
*Closed on Sunday 26th



★ : Pick Up Programs

Program Title		Organizer	24 Fri	25 Sat	26 Sun
01	Touch Rally in scienceAGORA 2017	Advanced Industrial Science And Technology, Artificial Intelligence Research Center	●	●	●
★ 02	"Owarai Mathematics" performance and challenge Mathematics joke!	Japan Owarai Mathematics Associate	●	●	●
03	"OMOTENASHI" at Bay Area utilizing leading-edge robotic technologies.	Council for Promotion of Universal Future Society (MEXT) × Bay Area Omotenshi Robot Research Group	●	●	●
04	Branding Science - creating the Science Agora identity	KYOTO Design Lab, Kyoto Institute of Technology	●	●	●
★ 05	Issues of disaster areas and 'science communication' during the reconstruction period	science platform in fukushima		●	
★ 06	Drama: Genetic testing comes home !?	Department of Genomic Medicine Education Tohoku Medical Megabank Organization, Tohoku University	●	●	●
★ 07	Science QAMmunication!	Hokkaido University, CoSTEP		●	●
★ 08	Painted Lacquer-Base gives special effect on gold leafing of Kinkaku-ji Temple	Team URUSHI Science		●	●
09	COI Future Scenarios	COI program, Japan Science and Technology Agency (JST)	●	●	●
10	e-skin Smart Apparel: Controller Is You	Xenoma / SUCCESS, Japan Science and Technology Agency (JST)	●	●	●
11	100 science picture books	hontohonto		●	●
Outdoor Area (Symbol Promenade Park)					
85	Flower and green Omotenashi project	Tokyo Rinkaihufukutoshin Group		●	●

[Signage Guide]

SDGs-related programs



Target



Family

English Available



Student

Time



Administrative officer/Scientist/Researcher

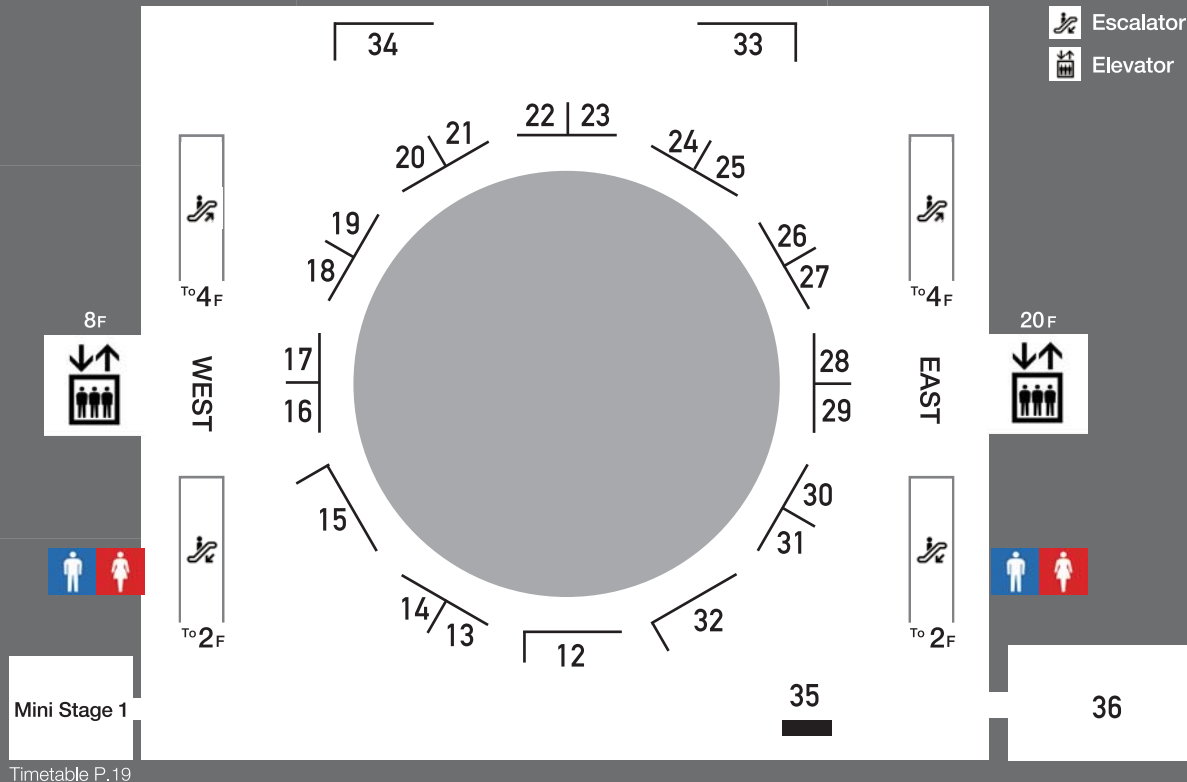
3_F

12-16

Beyond the boundaries of standpoint

17-36

Interests and concern transcend any of the boundaries

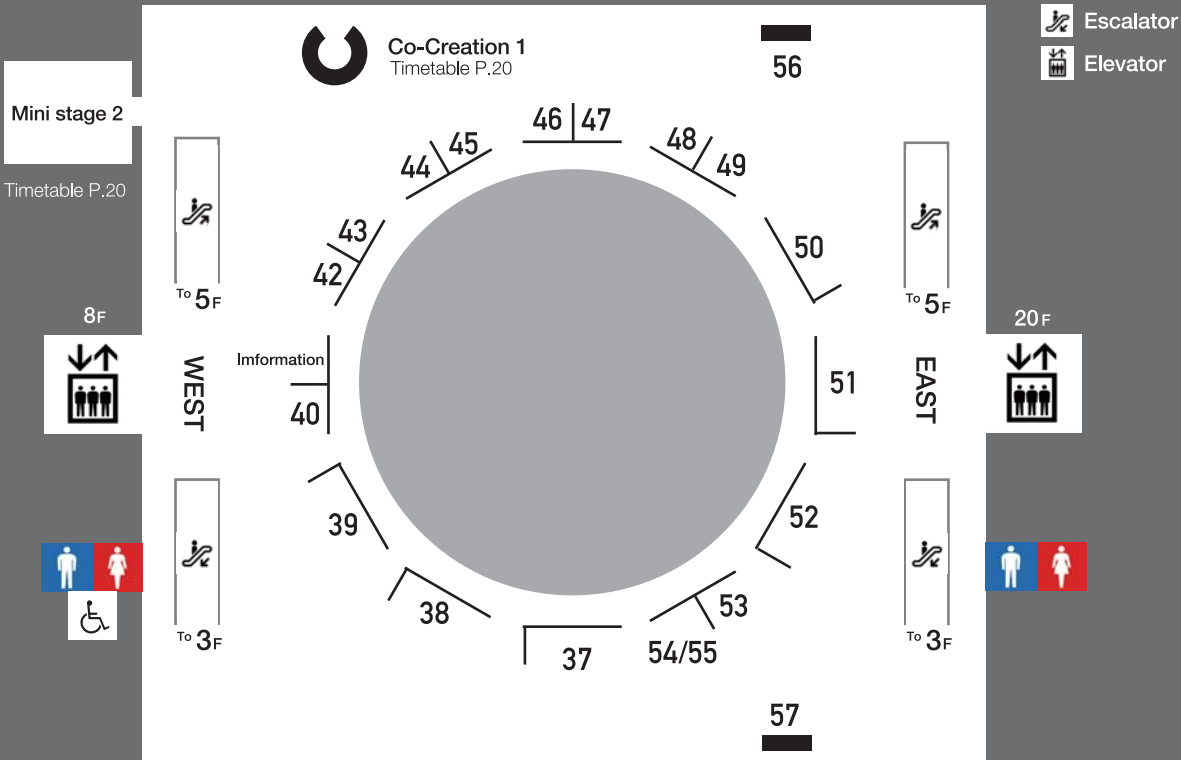


Timetable P.19

	Program Title	Organizer	24 Fri	25 Sat	26 Sun
12	Biodiversity - Familiar alien species and familiar native species -	The Japan Biodiversity Association		●	●
13	Challenge the International Science Olympiad !	Department for Promotion of Science Education, Japan Science and Technology Agency (JST)	●	●	●
14	STEM Challenge to encourage girls(Riko-challe)	Gender Equality Bureau Cabinet Office	●	●	●
15	Pioneering the Future: Japanese Science, Technology and Innovation	Cross-ministerial Strategic Innovation Promotion Program (SIP) Bureau of Science, Technology and Innovation Cabinet Office, Government of Japan.	●	●	●
16	Why do you study at school ? And what for ? Just try to ask them about it.	Marketing and Management Advisory NPO Club for SME		●	●
17	Connecting cross-sectoral wisdom in government, business, civil society and academia ~ Action for the future ~	CePiC, Common earth Park international Community	●	●	●
18	Enjoy jelly-like slime made from laundry starch !	à la carte l'école science at Osaka Institute of Technology		●	●
19	-Think & Play- Puzzle Square	ASOBIDEA	●	●	●
20	Reserch for the ultimate propeller top	Resercher for the ultimate propeller top in Okayama prefectural Kurashiki Amaki Junior High School	●	●	●
21	No more painkillers —The healing power of acupuncture—	Department of Acupuncture and Moxibustion Tokyo Ariake University of Medical and Health Sciences	●	●	●
22	Wellbeing Science Society	Tonomachi Wellbeing Research Complex Program	●	●	●
23	The 50 mysteries of only one drop of water	Saitama Science Partnership Project		●	●
24	Science Communications through the Doujin Activities	Alliance of Science Circles in the Comiket	●	●	●
25	Scientific experience at a city area !	National Institute of Technology, Hachinohe College, Science Club.		●	●
26	From honey bee to popcorn. Be a Scientist !	Seigakuin honey bee project		●	●
27	Let's explore science at your home with us musset!	TUAT musset		●	●
28	Twinkle, Twinkle, Little Molecule☆ ~ Glass Art of Molecular Models~	Glass Art Guild of Kitasato, College of Liberal Arts and Sciences, Kitasato University		●	●
29	Making a "BOUNCING SLIME" & An Exhibition Of Posters	*TMU-SFC* from Tokyo Metropolitan University		●	●
30	Gunma☆Raw Silk☆Slime☆	Jutoku High School Science Club		●	●
31	Card game + Chemistry → ∞ (Infinity)	The Workshop of Teaching Materials for Chemistry, College of Science and Technology, Nihon University		●	●
32	Wonder of Space and Shape : Let's Play Tessellation!	Japan Tessellation Design Association		●	●
33	Watch and touch atoms or molecules in novel ways	Society of Computer Chemistry, Japan	●	●	●
34	MoleQrious! 2017 ~Molecular Magic~	MoleQrious!	●	●	●
35	Marie Curie's Science Lessons ~ " The celebration of the 150th anniversary of her birth" ~	Mizue Y.KISSHO Ph.D. SSM Science Studio Marie		●	●
36	Demonstration of the Guide Robot for Tourist	TOKYO METROPOLITAN INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	●	●	

4_F

Beyond the boundaries of
nationality and culture



	Program Title	Organizer	24 Fri	25 Sat	26 Sun
37	Europa Open Science House	Delegation of the European Union to Japan	●	●	●
38	The radiation literacy that society needs today	National Museum of Emerging Science and Innovation (Miraikan)	●	●	●
39	Original rock specimens making -let's enjoy geoparks!-	Japanese Geoparks Network		●	●
40	Let's make your earth heart through the experience of 4D2U/Mitaka	Science Communication Project, Kanazawa Institute of Technology	●	●	●
42	Get back the beautiful starry sky! ~" Traditional Tanabata Light Down"~	Gunma Prefectural Maebashi Girls' High School		●	●
43	Let's try "Mineral water survey" !!	Japan Atomic Energy Agency	●	●	●
44	Science liveshow "Universe" created by students and researchers	Team Chimons		●	●
45	Let's watch invisible living things: our tiny little friends	Japanese Society of Microbial Ecology		●	●
46	ImPACT "Let's discover serendipitous microorganisms!"	Impulsing Paradigm Change through Disruptive Technologies Program (ImPACT)		●	●
47	Do you know the border between human and apes?	Public Outreach Committee, the Anthropological Society of Nippon and Kanagawa Prefectural Museum of Natural History		●	●
48	Sun on the Earth, Fusion Reactor! R&D for the Future Energy!!	Fusion Energy Research and Development Directorate National Institutes for Quantum and Radiological Science and Technology		●	●
49	Sun on the Earth, Fusion Reactor! Get a Taste of Future of Lithium Recovery Technology!!	Fusion Energy Research and Development Directorate National Institutes for Quantum and Radiological Science and Technology		●	●
50	GM (genetically modified) technology is indispensable for our lives.	Section of Biotech Research Promotion and Public Affairs, Institute of Agrobiological Sciences, NARO		●	●
51	The truth of south pole	Tsukuba Science Tour Office, The Science and Technology Promotion General Incorporation Foundation of Ibaraki		●	●
52	Feel the ancient romance with your fingertips ~ Let' s draw a picture with clay ! ~	Japan Conservation Engineers & Co., Ltd.		●	●
53	Suggestion! "The M scale" . Caution!! Extratropical cyclones transformed from Typhoons.	Meidai junior high school		●	●
54	How much is the weight of the snow? Let' s measure and feel !	The Japanese Society of Snow and Ice		●	
55	"Uminomanabi" museum support program Let' s explore the tide pools! -The outcome of our program-	Uminomanabi Museum Support from the Museum of Maritime Science (Supported by The Nippon Foundation)			●
56	South Africa - Science to Address Societal Challenges	Embassy of the Republic of South Africa in Tokyo, JAPAN	●	●	●
57	Science Agora x Sustainable Development Goals(SDGs) -Create a Sustainable Future by Solving the Mystery!-	STI for SDGs Task Team, Japan Science and Technology Agency (JST) , xSDG Laboratory	●	●	●



	Program Title	Organizer	24 Fri	25 Sat	26 Sun
58	Do you know "NOU" ?	Kawasaki Medical School Medical Museum	●	●	●
59	Let's improve a drawing robot through trial & error!	Science Seeds - R&D of Events, Curricula and Tools for Education	●	●	●
60	The Renaissance of silkworm, mulberry and silk science	The Japanese Society of Sericultural Science	●	●	●
61	EXPERIMENT OF ELECTRIC CIRCUIT USING NEOPIA ELECTRONIC BLOCK	MARUKOSHI CO., LTD.		●	●
62	[Lectures for kids] K3Tunnel ~ Visualized Programming ~ Space Tourism around ISS (International Space Station)	NS Solutions Corporation	●	●	●
63	BASIC Programming and electrical work with IchigoJam for kids.	Nittetsu Hitachi Systems Engineering,Inc.	●	●	●
64	Fun workshop, re-chargeable mini-car	Denki rika Club.		●	●
65	The "Shape" of proteins supporting the life	IPR of Osaka Univ., PDBj, Hiroshima City Univ., Ritsumeikan Univ., Kwansei Gakuin Univ.	●	●	●
66	Welcome to the World of Bioscience -The Fusion of Bioscience with Making Things-	Department of Applied Bioscience, Kanagawa Institute of Technology	●	●	●
67	Baikins' World 2017	Osaka City University x National Institute of Infectious Diseases x Notion		●	●
68	The Art of Immunity & Microbes	Osaka University: Graduate School of Medicine, Research Institute for Microbial Diseases, Immunology Frontier Research Center	●	●	●
69	Play programming! Exceed a student!	Tokyo Metropolitan Fuji high school, junior high school Physical science club		●	●
70	Reassembled Mecha Amber	Mecha Craft Project for Girls		●	●
71	Let's learn up-to-date 3D and VR technology with high school students.	Gunma Prefectural Fujioka Chuo High School Science and Mathematics Course	●	●	
72	Let's Learning IT!	Mediart-Tech		●	●
73	Drone pilot experience ~Let's think about the future together!~	Consortium of Co-creation Drone Society & Drone girl's management office (AIR Co., Ltd.)		●	●
74	Aluminium is an amazing metal!	Japan Aluminium Association		●	●
75	Quantum Science and Technology: Useful for you, Japan and humankind	National Institutes for Quantum and Radiological Science and Technology		●	●
76	Let's enjoy science experiments!	Nagoya University Science Laboratory		●	●
77	What is infrastructure? ~ Science Technologies to Support Sports Festivals ~	Study group of Management method for Low carbon society		●	●
78	Analogue vs Digital World	Sorauto		●	●
79	The revolutionary technology that helps the sound more audible	Soundfun		●	●
80	Let's fly with a dream	jyugaoka.sciencekids		●	●
81	Find your WILL Decision-making to change the society	Share Your Value P.J. Doshisha Univ.		●	●
82	Materials Engineering x Art and Design = Work of Art	Muroran Institute of Technology x Sapporo City University	●	●	●
83	Power of materials -To the scientists of the future-	National Institute for Materials Science (NIMS)		●	●
84	Welcome to Bioscience Database !	National Bioscience Database Center, Japan Science and Technology Agency (JST)		●	●

Timetable



24
FRI

1
F

AGORA Stage

3
F

Mini Stage 1

101 12:45-13:30
Opening Ceremony
Japan Science and Technology Agency (JST)

109 14:00-15:30
STS statement session by Kyushu University graduate students
Center for Science, Technology and Innovation Policy Studies, Kyushu University

25
SAT

102 10:15-11:45
Inauguration: European Participation in Science Agora 2017
Delegation of the European Union to Japan

110 10:15-13:15
Let's jump in STEM field with Tohoku University Science Angels!
Tohoku University Science Angel

103 12:30-13:30
Unity Technologies Japan G.K.
Yohei Yanase

111 14:15-15:45
Innovation in Universal e-Health: A Portable Health Clinic System for UnReached Communities
Ashir Ahmed

104 14:15-15:45
High school students & Innovators Talk Session "Road to INNOVATION" at Global Science Campus
Department for Promotion of Science Education, Japan Science and Technology Agency (JST)

105 16:15-17:00
Networking event for exhibitors and session organizers
Center for Science Communication, Japan Science and Technology Agency (JST)

106 10:30-12:00
Internet to develop science learning
Society of Computer Chemistry, Japan

112 10:30-12:00
"Biodiversity" Science Show and Reading scientific books for children!
Japanese Society of Science Books for Children

107 13:00-14:30
Dialogue of the next generation scientists with Dr. Noyori
Center for Research and Development Strategy, Center for Science Communication, Japan Science and Technology Agency (JST)

113 13:30-15:00
Science Busking
Korea Foundation for the Advancement of Science and Creativity (KOFAC)

108 15:30-16:00
Closing Ceremony
Japan Science and Technology Agency (JST)

26
SUN

● : Keynote Sessions
★ : Pick-Up Programs

24
FRI

4_F Mini Stage 2

Co-Creation Table1

5_F Co-Creation Table2

25
SAT

114 13:00-16:00
World Bosai Forum/International Disaster Risk Conference 2017 in Sendai, Public Pre-Event simulcasting
Center for Science Communication, Japan Science and Technology Agency (JST)

117 10:15-11:15
Telescope Network at Anytime, from Anywhere and for Anybody
Keio University Internet Telescope Project

118 11:45-12:45
Let's research for Chirimen-monsters!
Researchers for Chirimen-monsters in Okayama prefectural Tamano High School

119 13:15-14:15
Analysis & Measurement by Certified Reference Materials
The Japan Society for Analytical Chemistry

120 14:45-15:45
Traditional cyclone shelters in Vanuatu -from a scientific point of view-
ManTanna team (Disaster Prevention Research Institute, Kyoto University)

124 11:45-12:45
Soft Robotics Prototyping Workshop using Electric Phase-change Actuator with Inkjet Printed Circuit
ERATO Kawahara Universal Information Network Project

125 13:15-14:15
Catalysis Park 2017
Catalysis Society of Japan

126 14:45-15:45
Scene Expression of WAKA by Using the Techno Craft
National Institute of Technology, Matsue College

26
SUN

115 10:30-12:00
★ **Where do we go with Big Science ?**
KEK

116 13:30-15:00
Science of 'Pueraria lobata' which a high school girl thinks about
Bunkyo Gakuin University Girls Junior & Senior High School

121 10:15-11:15
Enjoy! fluctuation play and wondering experience in mirror land
milcra

122 11:45-12:45
A Mad Scientist Tea Party
The Molecular Cooking Society

123 13:15-14:15
Introduction to Question-driven Learning, HATENATHON
Co-creation lab HATENATHON

127 10:15-11:15
The Wonders of Light: Diffraction Gratings and the Rainbow Spectrum
Osaka Prefecture University, Research Group of Solid State Physics

128 11:45-12:45
The Relationship of Breathing and Emotion -Are you breathing properly?-
Tokyo Arikake University of Medical and Health Sciences

129 13:15-14:15
Let's ShupoShupo ! ~vacuum and our life~
Tokai University ScienceCommunicator

Meeting Room A

Meeting Room B

Meeting Room C

Meeting Room D

- 130 14:00-15:30
**What is the Science-based town?
 What is the Research Complex?**
 Japan Science and Technology Agency
 (JST)

- 131 10:30-12:30
 ● **Exploration of Life and Organic
 Compounds in Space: Tanpopo
 Experiments and Astrobiology beyond
 Team Tanpopo: Experiment on Exposure
 Facility of International Space Station
 (TOYAKU, JAXA, et al)**

- 132 13:30-15:00
 ● **Living in Harmony with Artificial
 Intelligence:
 Will AI Replace Your Work?**
 Department of Innovation Research,
 Japan Science and Technology Agency
 (JST)

- 133 10:30-12:00
**Beyond barriers by cutting edge of
 robot technologies**
 The institution of Professional Engineers,
 Japan(IPEJ)

- 134 13:00-15:30
**Frontiers in Photonics and Optics,
 Science Agora 2017**
 Japan Science and Technology Agency
 (JST)

- 135 13:45-15:00
Keynote Lecture
 Center for Science Communication, Japan
 Science and Technology Agency (JST)

- 136 15:15-16:30
 ● **Poverty × Gender**
 Center for Science Communication, Japan
 Science and Technology Agency (JST)

- 137 16:45-18:00
 ● **Creating Sustainable Future city with STI!: A
 World that Changes by Achieving the SDGs**
 Task Team on STI for SDGs, Japan Science
 and Technology Agency (JST)

- 138 10:30-13:00
**Asia×Japan - Special Talk Session: High
 School Students×Overseas
 Students×Researchers * Towards the
 Future of Asia through the Power of
 Science ***
 Japan Science and Technology Agency
 (JST),Japan Agency for Medical Research and
 Development (AMED)

- 139 14:00-15:30
**Strengthening Science-Policy Interface for
 Achieving Sustainable Development Goals :
 Challenges to Scientific Advice for Policy
 Making**
 STI for SDGs Task Team, Japan Science and
 Technology Agency (JST)

- 140 10:15-12:30
 ● **'Is My Kid Having Difficulties or Just a
 Little Too Unique?' II Let's Talk about
 Implementing Evidence-based Support for
 Children with Developmental Disabilities**
 Research Institute of Science and Technology

- 141 13:30-15:00
 ● **Reproductive medicine in Japan in the era
 of genome editing**
 Science Council of Japan - Subcommittee on
 Genome Editing Technology and Society ,
 Committee for Science and Society

- 142 13:45-15:45
 ★ **Quantifying the use of hot spring resource
 in culture and energy production! How to
 pass Onsen culture down the
 multi-generation and multi-nationality?**
 Water-Energy-Food Nexus Project, Research
 Institute for Humanity and Nature

- 143 10:30-12:00
**Interdisciplinary research towards
 understanding and controlling microbes**
 ERATO NOMURA Microbial Community
 Control project, Japan Science and
 Technology Agency (JST)

- 144 13:30-15:00
**Critical Discussion on the Outbreak of
 Pediatric Thyroid Cancer in Fukushima**
 Univ. of Toyama, Science Communication
 Labo.

- 145 10:30-12:00
**What do you tell to the next generation
 about Fukushima nuclear plant accident?**
 The Japanese Radiation Research Society -
 Support group of radiation education after
 Fukushima nuclear plant accident

- 146 13:00-15:30
 ★ **Challenges to achieving regional
 problems through SDGs for Children and
 their Parents**
 Glocal KOSENs & Nagaoka University of
 Technology Project (GKNP)

- 147 14:00-15:30
JST-Mirai R&D Program
 Department of Research and
 Development Reform, Japan Science
 and Technology Agency (JST)

- 148 10:30-12:00
**Solutions with Quantum Science &
 Technology QST' s contribution to
 the human society**
 National Institutes for Quantum and
 Radiological Science and Technology

- 149 13:30-15:00
**'Science Olympics for kids' Fishing
 competitions with plastic bottles**
 Nikoniko scientific laboratory

- 150 10:30-12:00
**School × Science Museum - Does
 dialogue deepen learning?**
 Miraikan – The National Museum of
 Emerging Science and Innovation

- 151 13:30-15:00
**A mysterious world surrounding
 small marine creatures**
 Oceanographic Society of Japan,
 Ocean Literacy and Education Panel

24
FRI

EAST
20_F

Meeting Room 1

Meeting Room 2

Meeting Room 3

- 152 14:00-15:30
The Landscape of Scholarly Publishing in China. Korea & Japan
Department of Databases for Information and Knowledge Infrastructure /
Department of Information Planning, Japan Science and Technology Agency (JST)

- 162 14:00-17:30
Scenario Planning Workshop for Affluent Low Carbon Society
Center for Low Carbon Society Strategy(LCS),
Japan Science and Technology Agency (JST)

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SAT

- 153 10:30-12:00
Rapid Fire Math 100
Philomath Club

- 158 10:30-12:00
Science, and how to communicate it!
Walid Yassin

- 163 10:30-12:00
How are colors made!?
Let's solve the rainbow mystery!
tanQLABO

- 154 13:30-15:00
Marie S. Curie's World
-The celebration of the 150th anniversary of her birth-
Mizue Y KISSHO Ph.D. SSM Science Studio
Maire

- 159 13:30-15:00
Be an "informed" recipient of medicines: What are those risks/benefits? Are they priced reasonably?
Specified Nonprofit Corporation, Life & Bio plaza 21

- 164 13:00-16:00
Let's Talk about "Dual-use"
- Toward Our Happy Future with Scientific Research
Eisuke Enoki (Science Support Association)
Yoshiko Miwa (Freelance writer)
#phd_jp Working Group for Science and Society

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SUN

- 155 10:30-12:00
Genso-Kentei 2017 (Periodic Table Quiz)
Elements Club

- 160 10:30-12:00
Collaborative Experience of Natural Science (Micrometeorite)
Minamisoma Science Lab.

- 165 10:30-12:00
Visualizing science and society link
Asako Okamura, Professional Staff, SciREX center, National Graduate Institute for Policy Studies (GRIPS)
Bunsuke Kawasaki, Intern, SciREX center, GRIPS, and VMITA
Keisuke Nishijo, Intern, SciREX center, GRIPS

- 156 13:30-15:00
Can the insect be a really food ingredient?
-The possibility of insect food-
Iso toichiro, Syoichi Uchiyama, Ueda Hitoshi, Ryota Mitsuhashi, Shinjiro Saeki, Kinya Matsui, Takashi Matsui, Hiroshi Mizuno

- 161 13:30-15:00
Research crossing the border: HeKKSaGOn German-Japanese University Network
HeKKSaGOn German-Japanese University Network

- 166 13:00-15:30
Experimental Workshop on Space Elevator and Future Development of Space Technology
Committee of the Space Elevator Robot Competition and College of Science and Technology, Nihon University

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