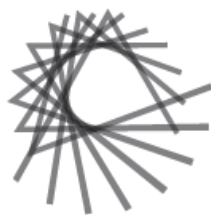


## Information on Exhibiting at Science Agora 2019

Application Deadline: June 30, 2019 (Sun)

**Theme:** **Human** -What kind of future will we live in?-  
in the New Age



**SCIENCE AGORA 2019**

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## 1. What is Science Agora?

Science Agora is an **open forum**, in which people from all positions of society (including citizens, researchers, specialists, media, and persons involved in industry and politics) can participate and **converse**, the purpose of which is to deepen the relationship between “science” and “society.” \*Agora is an Ancient Greek word meaning “plaza”

To contributors, it is a place for them to convey to society the interest and profundity of their own research, development or other scientific pursuits, while at the same time, attendees have noted that it is a place that gets them to ponder the question of “what is the science that is required by society?” To attendees, it is a forum where they can find out the ideas of researchers and specialists whom they would not ordinarily meet, while also conveying their own hopes for science and technology as it develops hereafter. In addition, telling acquaintances about experiences at Science Agora provides an opportunity for people who could not attend to think about the relationship between science and society.

### • Everybody assembling at Science Agora is a “participant”

At Science Agora, we perceive both contributors and attendees as “participants.” It is neither a science conference that gathers researchers only, nor an event for children alone. Its emphasis is on “co-creation” wherein everybody thinks together to produce our future society, where diverse sets of values are mutually accepted. If you want to utilize science and technology while conversing and cooperating with people from all positions in society, and have an interest in “co-creation” to link this with policy formation and knowledge creation, then we definitely want you to participate in Science Agora.

## 2. Outline of Science Agora 2019

Conference period: November 15 (Fri) – November 17, 2019 (Sun) / 10:00–16:30 (planned)

Venue: Telecom Center Building (main venue), Miraikan (ceremony venue), Symbol Promenade Park (West Promenade) (Surrounding area of Odaiba, Telecom Center Station (Yurikamome Line))

## 3. About the Solicited Programs

We are accepting for exhibits application (admission fee necessary) relating to Science Agora 2019. There will be exhibits at the **Telecom Center Building session** as well as **booths at the Telecom Center Building and Symbol Promenade Park**. We welcome applications from companies, organizations and groups that agree with the basic idea of Science Agora (if you will exhibit using an organization name, please apply after obtaining consent from the organization). The Science Agora 2019 Steering Committee will review the exhibits applications. We request your understanding on the following points when applying.

- You can execute your programs by two or more people during the conference period (there is a structure for not abandoning programs on the day)

- You may attract visitors to your program through prior notices and publicity**
- You allow taking videos and photographs is allowed by the host (they may be used for publications and coverage such as reports)
- You can implement your program with consideration for the safety of participants, but fires and hazardous materials may not be used (in line with JST instructions)
- Session exhibitors will fill out a report within one hour after the session ends and submit it to the secretariat
- Booth exhibitors will participate in the *Tacchirari* (there is no charge for exhibitors)

#### 4. Science Agora 2019 Theme

# Human

-What kind of future will we live in? -  
in the New Age

How do you want to live in the future, when there will be further development of science and technology? What will the necessary technologies be for an ideal future? What humanity can we not entrust machines and new technology to? **Science Agora 2019 will provide an opportunity for consideration from various viewpoints of what it means humanity, what you want to choose, and how we want to use the things in front of us.**

2019, the year that marks the transition to the Reiwa era from the Heisei era, provides an opportunity to think about the new age. 20 years have passed since the Declaration on Science and the Use of Scientific Knowledge (Budapest Declaration) at the World Conference on Science, jointly sponsored by the United Nations Educational, Scientific and Cultural Organization (UNESCO) and the International

Reference: Events that raise awareness of thinking about “Humans”	
2019	G20 Osaka Summit (June 28-29) 7 <sup>th</sup> Tokyo International Conference on African Development (TICAD7) (August 28-30) 2 <sup>nd</sup> World Bosai Forum (WBF 2019) (November 9-12) World Science Forum 2019 Budapest (November 20-23)
2020	Nutrition for Growth (N4G) Summit 2020 (provisional name) 2020 Tokyo Olympic Games (July 24-August 9) 2020 Tokyo Paralympic Games (August 25-September 6)
2025	2025 Japan World Expo (Osaka, Kansai World Expo)

Council for Science (ICSU). This is a year to focus again on the ideal forms of “science in society” and “science for society.” In addition, the 2020 Tokyo Olympic and Paralympic Games will provide an opportunity to showcase Japanese science and technology to the world. Would you like to consider with all the other participants what can be achieved with science and technology by reviewing various social issues from a global viewpoint?

#### 5. Questions from Science Agora 2019 (Solicited Theme)

The forum will be held by using four questions on what we would like all the participants to think about. Please indicate the direction you view “human” from. The exhibits will be introduced depending on the questions they belong to.

- 1) What is the "Humanity"?
- 2) What does connection with the other create?
- 3) How do you face humanity's challenges?
- 4) What should we do for the future?

Since Science Agora 2016, we have used the “Opinion Gathering Board” to gather views such as opinions on the new logo and expectations for science and technology. The question this year is based on the analysis of last year’s results and is **set as the discussion topic for Science Agora 2019.**

As a result of analyzing the comments gathered on last year’s “Opinion Gathering Board,” there were many people who wanted to learn about and consider “humanity” and “connection with the other,” hence questions 1 and 2 have been set for these. Question 3 has the viewpoint of how to resolve various social issues from domestic and international, and question 4 asks “if we can do this, it would be convenient, but can it be resolved with science and technology?” With these free concepts, they are set to provide an opportunity to think about what science and technology can do to create a better future and what can be expected of science and technology. We hope that conversing with many people based on these questions will provide an opportunity to acquire new viewpoints and take a step forward toward the future.

## Message from the Chairman of the Science Agora 2019 Steering Committee

I have come to believe that science and technology affect us and our society in various ways. Although they provide stable food supply and protect us from illness, they have caused environmental destruction such as pollution and concerns about unknown technology. Going forward, the matter of the ideal form of science and technology will become more urgent and complicated and permeate society more deeply, and for better or worse it will probably become harder for us to be aware of it.

However, all the arts taken by us humans are made by us humans. Therefore, taking an interest in various matters in the world and creating will become even more important for both us and our world. We set “human” as the main theme of this year’s Science Agora with the aim of providing an opportunity to review ourselves as humans from various angles, and to strengthen interest in the ideal form of humanity going forward. We hope that at this agora, a place where you can heighten your pure and wonderful feelings, mix them with the people around you, and create ideas you hadn’t thought of before, you will take home the fun of science and contribute to elevating wellbeing.

Shoji Komai, Chairman, Science Agora 2019 Steering Committee



**Shoji Komai**  
Associate  
Professor, Nara  
Institute of Science  
and Technology

Chair of the Global Young Academy of the Science Council of Japan and Executive Committee member of the Global Young Academy. Aims for a society with opportunities for all scientists to be active. Specializes in neurology.



**Atsuko Saito**  
Board Member and  
Director, Future Center  
Alliance Japan (FCAJ)

Serves as Director of FCAJ, which strives to create places that raise impactful innovation with industry-government cooperation. Specializes in research on workstyle reform that pioneers matters such as innovation from workplace planning and design and creative cities.

## Science Agora 2019 Steering Committee



**Kaori Nemoto**  
Strategic Planning  
Director, Hakuodo  
Brand & Innovation  
Design

Specialty field is development of products, business, and organizations through an approach with insight into the future centered on people’s ideas. Works in her main field of creating programs and structures for planning and creating the future through a conversational mode with players in diverse fields of industry, academia, and government.



**Keiichi Hirotsune**  
CEO, Institute of  
Creative Industries  
and Culture

Producer of solutions to address the issue of how to connect technology and research (industry and academia) in next-generation societies and potential markets, to develop projects and urban planning to resolve the challenges facing a sustainable society. Also plans large-scale projects such as the Osaka Expo.



**Kouta Minamizawa**  
Professor, Graduate  
School of Media  
Design, Keio  
University

Researcher in embodied media for sharing and enhancing our bodily senses. Promotes haptic design that connects touch technology with social value, and co-creation of sports that fuse technology, culture and the body.



**Naoki Miyano**  
Associate  
Professor, Center  
for the Promotion  
of Interdisciplinary  
Education and  
Research, Kyoto  
University

Creates a space within universities for free thinking and practical application and continues to address the challenge of seeking a fundamental format for scholarship. Currently researching philosophy, despite a science and engineering background.



**Atsushi Arakawa**  
Director, Department for  
Promotion of Science and  
Society, Japan Science and  
Technology Agency

Works on the CHANCE initiative to promote co-creation at diverse organizations, the STI for SDGs Award that aims to resolve regional social issues and achieve the SDGs using science and technology and starting SOLVE.



**Akiko Yabumoto**  
Science Communication  
Specialist, Miraikan,  
Japan Science and  
Technology

Has worked in editing educational materials, journals, books, etc. since graduating from a faculty of literature. She is in charge of media publications at Miraikan, as well as planning and information editing for exhibitions and

## 6. Schedule for Contributors (★ indicates work contributors should perform themselves)

<b>June 3 (Mon)</b>	<ul style="list-style-type: none"> <li>● <b>Application period begins</b> <ul style="list-style-type: none"> <li>★ Consideration of direction of exhibit content, consultation with presenters, etc., secure necessary funding, etc.</li> <li>★ Formulate publicity plan.....<u>See: page 21</u></li> <li>★ Submit application form .....<u>See: from page 9</u></li> </ul> </li> </ul>
<b>June 30 (Sun)</b>	<ul style="list-style-type: none"> <li>● <b>Application period ends</b></li> </ul>
<b>July</b>	<ul style="list-style-type: none"> <li>● <b>Review</b></li> </ul>
<b>Early August</b>	<ul style="list-style-type: none"> <li>● <b>Notification of review results</b> <ul style="list-style-type: none"> <li>★ Contact presenters, collaborators, etc.</li> </ul> </li> </ul>
<b>Late August</b>	<ul style="list-style-type: none"> <li>● <b>Registration period for public information (*the detailed schedule after this will be provided later)</b> <ul style="list-style-type: none"> <li>★ Register public information, register exhibitor consent form, apply for equipment, etc.</li> </ul> </li> </ul>
<b>August 30 (Fri)</b>	<ul style="list-style-type: none"> <li>● <b>Deadline for exhibit fee payment</b> <ul style="list-style-type: none"> <li>★ Make transfer to designated account</li> </ul> </li> </ul>
<b>September</b>	<ul style="list-style-type: none"> <li>● <b>Tour of venue, exhibit explanation meeting</b> <ul style="list-style-type: none"> <li>★ Participate</li> </ul> </li> <li>● <b>Publication of exhibitor manual</b> <ul style="list-style-type: none"> <li>★ Download manual and check content</li> </ul> </li> </ul>
<b>Mid-September</b>	<ul style="list-style-type: none"> <li>● <b>Full program released on website (after a press release)</b> <ul style="list-style-type: none"> <li>★ Implement publicity plan (arrange printing yourself if necessary)</li> <li>★ Check procedures, etc.</li> </ul> </li> </ul>
<b>October</b>	<ul style="list-style-type: none"> <li>● <b>Completion of public flyers and posters by JST</b> <ul style="list-style-type: none"> <li>★ Create scripts, share information with collaborators</li> <li>★ Prepare to send goods if necessary</li> </ul> </li> </ul>
<b>November 15 (Fri)</b>	<ul style="list-style-type: none"> <li>● <b>Opening ceremony, keynote speeches (Miraikan)</b> <ul style="list-style-type: none"> <li>★ <b>Although this is the booth setup day, please listen to the keynote speeches</b></li> </ul> </li> </ul>
<b>November 16 (Sat)</b>	<ul style="list-style-type: none"> <li>● <b>Main venue opens (Telecom Center venue)</b> <ul style="list-style-type: none"> <li>★ <b>Program implementation</b></li> </ul> </li> </ul>
<b>November 17 (Sun)</b>	<ul style="list-style-type: none"> <li>● <b>Opening ceremony</b> <ul style="list-style-type: none"> <li>★ <b>Program implementation and withdrawal</b></li> </ul> </li> </ul>

## 7. Exhibit Format

<b>A. Session exhibit</b>
The stage, mini-stage and workshop spaces fit for speeches, panel discussions, workshops, etc. The co-creation tables are recommended for small discussion events. (For specification details, see from pages 13; for sizes, see the table below)
<b>B. Booth exhibit (Limited to contributors that are able to exhibit on November 16 (Sat) and 17 (Sun) consecutively)</b>
Expected to be exhibits in booths. To be operated within a space of width 3m × depth 3m × height 2m (for specification details, see pages 15) at the Telecom Center Building. For exhibits that need a large outdoor space, <b>please inquire with the secretariat prior to applying for exhibiting at Symbol Promenade Park.</b> (For space coordination according to requests. Venue will change if it rains.)

**The time schedule for the sessions, and the arrangement of booths will be determined by the secretariat, hence you cannot choose your place and time.** The basic plan for sessions is 140 minutes per timeframe (including preparation and withdrawal), and you can apply for at most two consecutive timeframes (you may be given only one frame depending on review). You can apply for a maximum of three booths, but you may be given only one booth depending on the review.

Exhibit type	A. Session exhibit							B. Booth exhibit	
	Conference room area (8 <sup>th</sup> floor)			Telecom Arena (1 <sup>st</sup> floor, floors 3-5)				Promenade Park	
	Theater	School	Island style	Stage	Mini-stage	Workshop space	Co-creation table	Indoor booth	Outdoor booth
People per time	150-200	50-100	20-50	150-200	20-30	Up to 20	Up to 20	Up to 20	Up to 20
Expected time	140 minutes per timeframe including preparation and withdrawal (*Implementation expected to be within 90 minutes)							2-day exhibits	
Panel set-up	△	△	△	△	△	△	△	⊙	×
Slide projection	⊙	⊙	⊙	⊙	△	△	△	△	×
Lecture, seminar	⊙	⊙	×	⊙	⊙	⊙	△	△	×
Workshop	×	×	⊙	⊙	△	⊙	⊙	⊙	×
Making things, experiments	×	△	⊙	△	△	△	△	△	×
Performance	×	△	⊙	⊙	⊙	⊙	⊙	△	⊙

\*Legend ⊙: Suitable to be implemented, necessary minimum equipment can be provided by the secretariat

△: If contributor plans to prepare necessary equipment, or be cautious about participant numbers, this is possible

×: Not expected, or not suitable



## 8. Details of Exhibit Fees

- By paying, you will be covering some of the expense incurred for managing the site and the use of equipment (You will be notified of the designated account, etc., when selected. Where it is necessary, in the case of public organizations, universities and so forth, to pay by voucher, this can be accommodated)
- For both booths and sessions, the cost will be 20,000 yen per program (including tax). However, for co-creation tables and Symbol Promenade Park, this will be 10,000 yen per program (including tax).
- An additional 20,000 yen (including tax) will be incurred for each additional booth or time frame. However, for co-creation tables and Symbol Promenade Park, this will be an additional 10,000 yen (including tax).
- The exhibit fee includes the basic equipment for each type (for details, see pages 13-17)
- Please prepare any instruments, meters or other requirements other than the basic equipment, by yourself. If you wish, you can apply in advance to have arrangements made for equipment, etc with fee. (use of electricity exceeding 0.5kW will also incur a fee).
- Cancellations and refunds will not be processed after selection has been determined due to contributor circumstances
- All costs for materials, transport, travel to the venue, accommodation, and so forth, will be the responsibility of the contributor.
- The venue will change for exhibits in Symbol Promenade Park if it rains.

## 9. Selection Method and Review Perspectives

The number of programs we intend to select is **around 120–140 programs** in total (this could increase or decrease due to the venue design). Selection will be determined through review by the Science Agora 2019 Steering Committee, based on the application form, and the following “Review Perspectives.” Notification of selection will be provided by email. If there are any comments from the committee, you will be notified of these at the same time.

### 【Review Perspectives】

- ① Has what can be provided to participants been considered? (Will participants be given a new perspective?)
- ② Has what the contributor him or herself hopes to gain through the exhibit been considered?
- ③ Have questions that the contributor wants to present to participants been considered? (What does the contributor want to think about together with the participants?)
- ④ Are the allocation of time and place, and the materials to be distributed, etc., appropriate? (Is consideration given to people with different levels of interest?)

\*Please also check “15. Review Criteria” (from page 20)

You may be asked to implement your program as a spotlight program, if it fulfils the review perspectives. If chosen as a spotlight program, your program will enjoy privileges such as a priority introduction on the official website, flyers and elsewhere.

## 1 0 . Application Process

Applications to exhibit at Science Agora 2019 will be accepted via the internet using the “online application form.” Please access the form through the Science Agora public website, and check the reminders before applying.

<http://www.jst.go.jp/sis/scienceagora/en>

### 1 ) Acquisition of login ID for application

When applying, you will acquire a login ID, and it will be necessary to register a password. We ask that a contact person registers for subsequent administrative procedures (selection notification and other types of correspondence will be sent to the email address associated with this ID). Individuals who have previously applied to exhibit at Science Agora after 2015 can continue to use the same ID.

✓ We request an application under one ID per one program

e.g.) Simultaneous application for booth and session

→Two IDs required

e.g.) You wish to implement programs in three different places

→Three IDs required

### 2 ) Application

Access the “My Page” and download the necessary documentation from the public materials (Application Form and Entry Explanation document)

### 3 ) Finalization of application

Upload the form once the necessary fields have been entered. Finally, finalize your application by pressing the “send” button. You can check the information you entered and make revisions after you have finalized the application, until the deadline date accepting applications. After the deadline however, you will not be able to revise or view the application. Please pay attention to the details of what you “send” yourself.

**Application period**

**Monday, June 3 to 11:59 p.m. on Sunday, June 30, 2019** \*Japanese standard time

### Consultation regarding exhibits \*Until June 25, 2019 (Wed)

JST Science Agora Secretariat

E-mail: [agora@jst.go.jp](mailto:agora@jst.go.jp)

**(Please inquire by e-mail to prevent misunderstanding of information)**

### Inquiries related to general management, decoration, and execution

Science Agora 2019 Management Secretariat (Within Kogeisha co., ltd.)

Inquiries: 9:00 to 17:00 (Weekdays only, excluding Saturday, Sunday, and holidays)

TEL: 03-5684-7340

E-mail: [agora@kogeisha.co.jp](mailto:agora@kogeisha.co.jp)

## 1.1. About the Online Application Form

- ✓ The details you register here are important information to be used in venue design; please be specific when entering them.
- ✓ Please be aware that if you close the page during the entry of registration details, the data will not be saved.
- ✓ **Please download the dedicated forms [2019] Application Form (Excel) and [2019] Entry Explanation Document (PDF), from the public materials on “My Page” and complete the application form.**

The image shows two screenshots of the application process. The left screenshot is the 'サイエンスアゴラ 2019 応募申請書' (Science Agora 2019 Application Form), which is a detailed form with multiple sections for personal information, affiliation, and presentation details. The right screenshot is the 'サイエンスアゴラ 2019 応募申請書 記入説明書' (Science Agora 2019 Application Form Entry Explanation Document), which provides instructions and rules for filling out the form. Two callout boxes are present: one pointing to the application form with the text 'When filling out the [2019] Application Form' and another pointing to the explanation document with the text 'Please read the [2019] Entry Explanation document (PDF)'.

- ✓ **My Page will time out in 60 minutes**, so please begin entering the details on the application form after you have prepared the [2019] Application Form (Excel).

### [1] About contributors

No.	Item	Details	Type	Options
1	Contributor name	Please fill in the name of the contributor (up to 25 full-width characters). This name will be published in the program and elsewhere. If you use too many characters, some may be deleted at time of publication.	Text	

2	Program title	Please fill in the title of the program (up to 25 full-width characters). This name will be published in the program and elsewhere. If you use too many characters, some may be deleted at time of publication.	Text	
3	Question	Please choose which questions there is a strong connection with.	Radio button	<input type="radio"/> What is the "Humanity"? <input type="radio"/> What does connection with the other create? <input type="radio"/> How do you face humanity's challenges? <input type="radio"/> What should we do for the future?
4	Affiliation of contributor	Please choose one option from the choices of affiliation. If none is applicable, select "Other."	Radio button	<input type="radio"/> Researcher, university, research institution, scientific association, etc. <input type="radio"/> Policymaker, government, regional local government, government agency, etc. <input type="radio"/> Science museum, regular museum, etc. <input type="radio"/> Company, commercial organization, etc. <input type="radio"/> Educator, school, board of education, etc. <input type="radio"/> Media person, etc. <input type="radio"/> NPO, volunteer (individual, organization), etc. <input type="radio"/> Other
5	Name of responsible party	Please fill in the affiliation, position and name of the responsible party providing the program. Notifications, such as selection notification, from the Science Agora 2019 Secretariat will be sent to this person.	Text ト	
6	Past records	If you have provided a program for Science Agora in the past, please select the year.	Checkbo x	<input type="checkbox"/> 2006 <input type="checkbox"/> 2007 <input type="checkbox"/> 2008 <input type="checkbox"/> 2009 <input type="checkbox"/> 2010 <input type="checkbox"/> 2011 <input type="checkbox"/> 2012 <input type="checkbox"/> 2013 <input type="checkbox"/> 2014 <input type="checkbox"/> 2015 <input type="checkbox"/> 2016 <input type="checkbox"/> 2017 <input type="checkbox"/> 2018

**[ 2 ] About program contents**

\*Includes some of the same items as entries 1-6 above

No.	Item	Details	Type	Options
7	Application form	Please download the designated form (Excel), and submit the Application Form via attachment once it is completed.	Attachment	

**15. Please also see the Review Criteria (from page 20).**

**[ 3 ] Special items**

No.	Item	Details	Type	Options
8	About arranging interpreting facilities	Use of simultaneous interpreting facilities ※ This is not an application for arrangement of interpreting. We ask that you arrange interpreters and equipment yourself.	Checkbox x	<input type="checkbox"/> Use
9	English communication	Can you provide English communication? ※ There are increasing numbers of participants whose native language is not Japanese coming from within Japan and abroad. Therefore, we recommend some kind of program to address this, such as explanations and communication of the program content in English, preparation of English versions of printed materials, etc.	Checkbox x	<input type="checkbox"/> Yes

**[ 4 ] About the handling of personal information**

No.	Item	Details	Type	Options
10	Guidance from JST	Is it acceptable to send various information and guidance on JST operations to contact details you have registered in the application?	Radio button	<input type="radio"/> Yes <input type="radio"/> No
11	Use for investigative and research purposes	Is it acceptable to use, for the purpose of investigation and research for science communication, information such as the affiliation you registered in the application?	Radio button	<input type="radio"/> Yes <input type="radio"/> No

**[ 5 ] Check items**

12	Checking	Have you checked the “Application Terms” listed in the Application Requirements?	Checkbox	<input type="checkbox"/> Yes
----	----------	--	----------	------------------------------

**1 2 . Unified Rules for Program Titles and Contributor Names**

The rules below are provided in regard to how to write text for Science Agora. Please be aware that the secretariat may amend, as deemed appropriate, anything you provide which does not follow the rules.

- Rule (1)** All corporate terms (national university corporation, limited company, specified non-profit corporation, etc.) are to be abbreviated.
- Rule (2)** Half-width spaces are to be entered between corporation, organization and department names  
Half-width spaces are to be entered as deemed appropriate, when there are several department names consecutively, in the interest of readability.
- Rule (3)** All katakana and alphanumeric characters are to be entered as half-width (spaces also half-width)  
All symbols (round brackets (), square brackets [], center dots ·, periods ., commas ,, exclamation marks !, question marks ?, tilde ~, etc.) are to be entered as full-width.

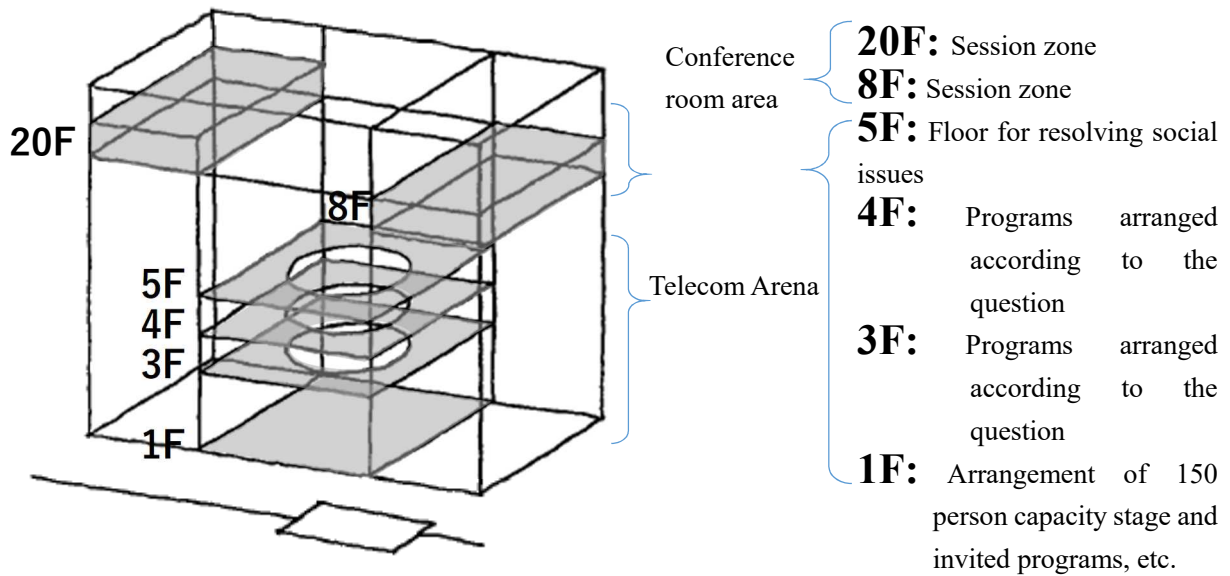
**Rule (4)** If there is a sub-title in the program title, then it shall be represented as per the following.  
Main title, half-width space, tilde, sub-title, tilde  
e.g.) The Color of Light ~ Flame-Colored Reaction that is Enjoyed by Sight ~

**Rule (5) Other**

- ① If the entire title is enclosed within square brackets 「」, etc., then remove them
- ② If double brackets are used without any single, then change to single brackets
- ③ If multiple contributors are listed in a row, then divide them by commas
- ④ After an exclamation point or question mark, a half-width space should be entered as a basic rule.

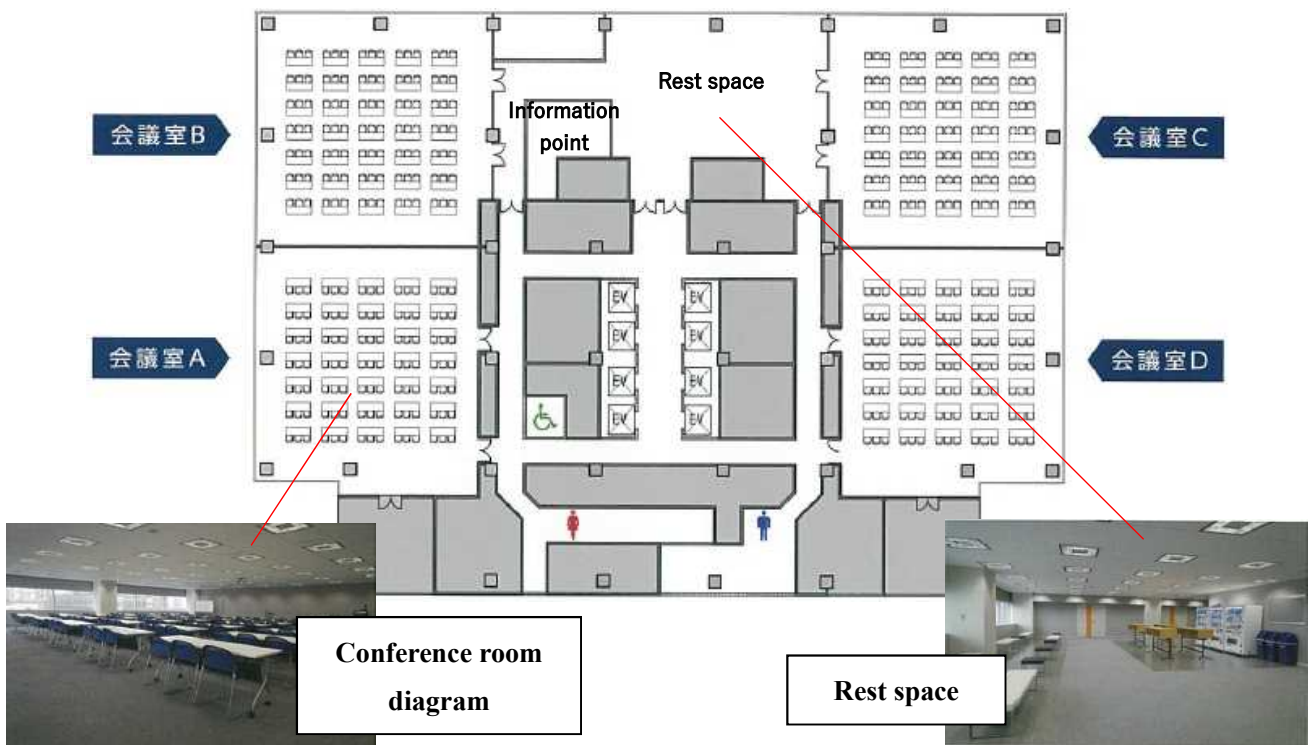
### 1 3 . Layout of the Main Science Agora 2019 Venue (Telecom Center)

The main venue is planned to be the Telecom Arena in the Telecom Center Building (floors 1, 3, 4 and 5), and the Conference Room area (floors 8 and 20). Floor 20 will be used for JST planning; it is not allocated for public planning.

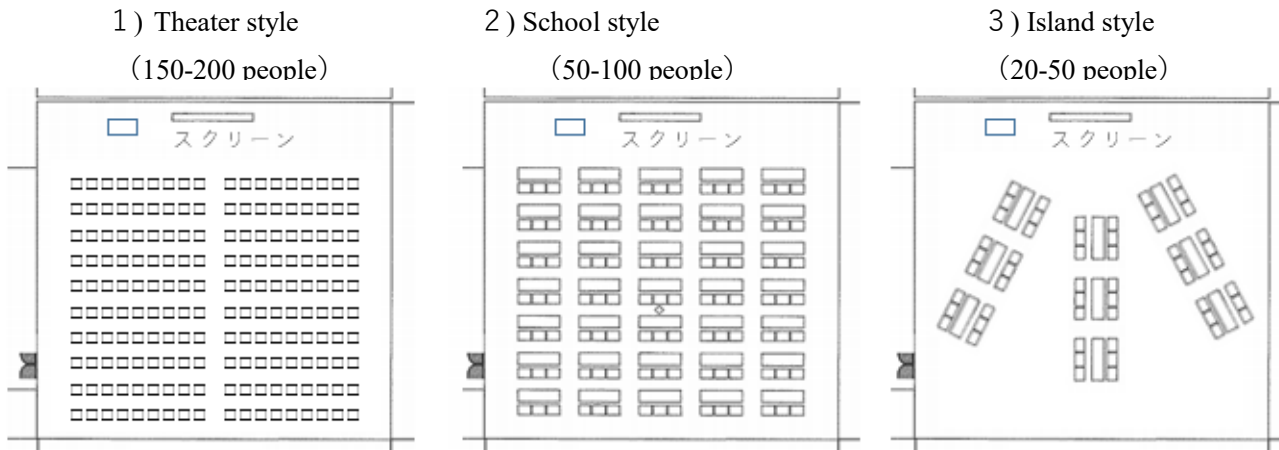


#### 1 3 – 1 . Conference Room Area

The Conference Room area will be laid out with programs in the session format. The floor area for all the four Conference Rooms is the same (262 m<sup>2</sup>).



The basic specifications of the Conference Room area have three patterns.



**Basic facilities:** Projector, screen (120 inch), microphone, speaker, platform (desk), plug sockets

- ※ You cannot attach panels and other things to the walls. If equipment such as a panel or whiteboard is required, the contributor will have to bring it, or apply for the equipment at a cost.
- ※ The contributor will set up desks and chairs, and restore things to their original state afterwards. Please strictly observe the times for preparation and withdrawal.

### 1 3 – 2. Telecom Arena

The **Telecom Arena** will be laid out based on a plan for the **booths, Stage, Mini-Stage, workshop spaces, and co-creation tables.**

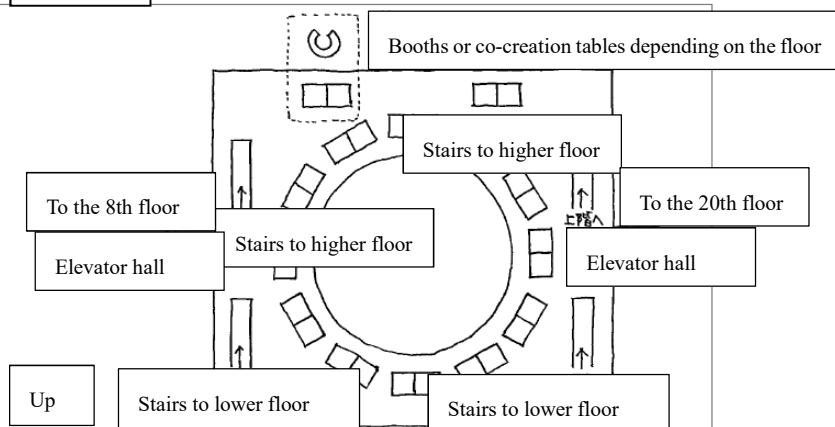
Because of the open ceiling, please take care to ensure there are no falling objects. You cannot hang things from the handrails. Neither can you display posters or other things on the handrails or the outer walls of booths.



#### Basic layout of floors 3-5

#### Planned configuration of the mini-stage, workshop spaces, co-creation tables, and booths

- ※ The map is a basic plan as of the time of solicitation, and may change depending on the circumstances. The 5<sup>th</sup> floor is planned to have a layout of booths lined up along the wall.





### 1<sup>st</sup> Floor (layout TBD)

\*Sessions at the Stage (150 people) will be arranged from the solicited programs

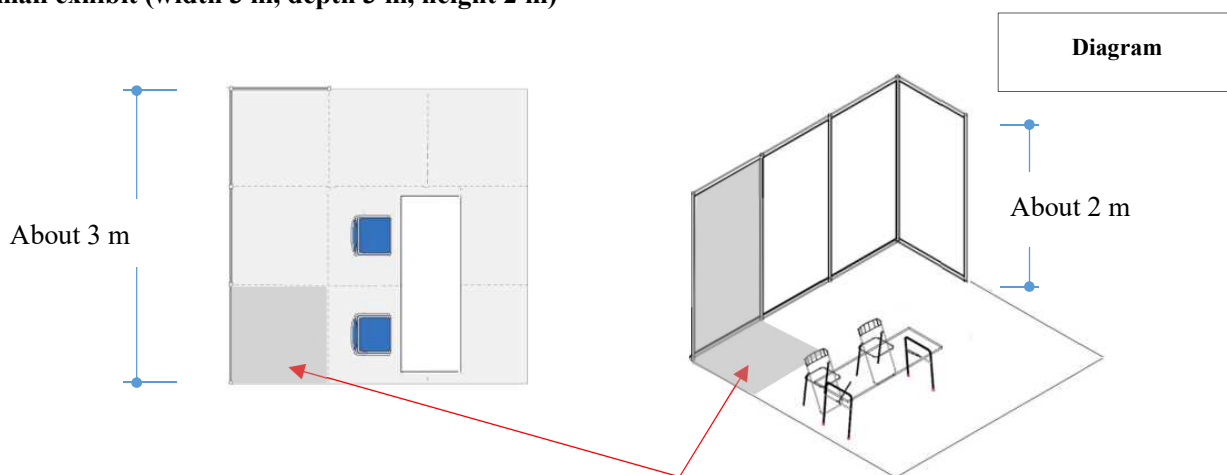
\*The booths will not be arranged from the solicited programs

#### Program arrangement besides the stage (planned)

- Opinion Gathering Board, Session Report Board
- International Collegiate Virtual Reality Contest (IVRC)
- Good Matching Creation Program “Odaiba 100 People Paper”
- *Miechyau! Tacchirari* (general reception)

### Basic Specifications for Booth Format (May Change Depending on the Circumstances)

- 1 Small exhibit (width 3 m, depth 3 m, height 2 m)

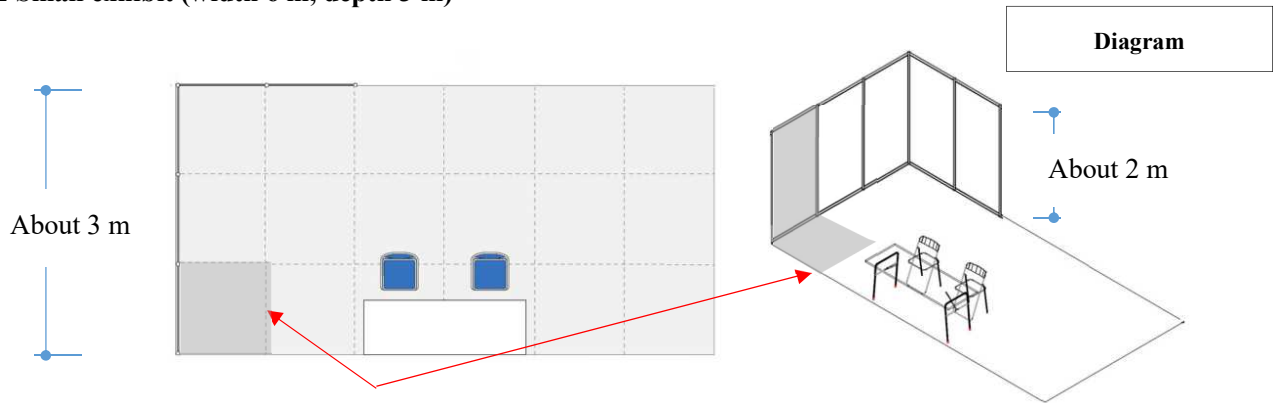


The third panel from the back (shaded part) is the sign space (for displaying contributor name, etc.), so objects cannot be placed within 1m of the sign.

Small exhibit	Divider wall (made up of system panels W990×H2100)
Basic facilities	<ul style="list-style-type: none"> <li>*Use of thumb tacks and needles on the wall, and attachment of adhesive that prevents its return to original state are prohibited</li> <li>*Please bring chains, etc., required for setting up panels (is operation provided?)</li> <li>Table (W1800×D600×H700) ×1</li> <li>Chair ×2</li> <li>Plug sockets (×2, up to 0.5kW; * must be applied for)</li> <li>Sign</li> </ul>

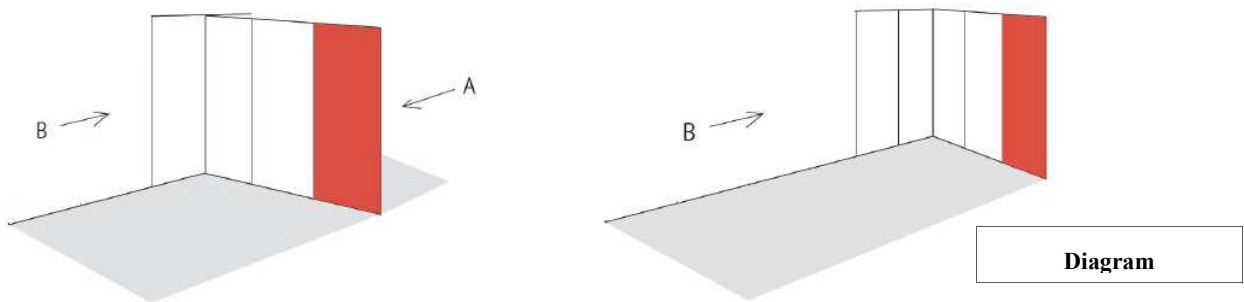
\*If there are multiple small exhibits, the number of items of basic facilities will be multiplied accordingly

●2 Small exhibit (width 6 m, depth 3 m)

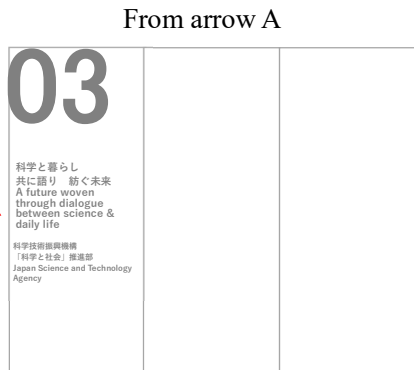


The third panel (shaded part) from the back is the sign space (for displaying contributor name, etc.), so objects cannot be placed within 1m of the sign.

● About booth format and sign space



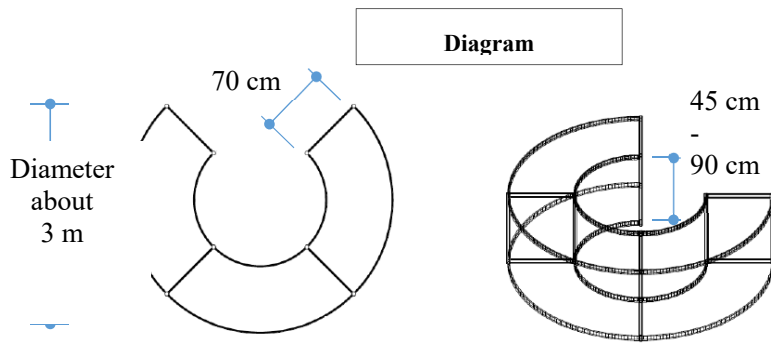
**Sign space diagram**  
**Program no.**  
**Contributor name**  
**Program title**



\*The design may change depending on the circumstances

**Basic Specifications for Co-Creation Tables (May Change Depending on the Circumstances)**

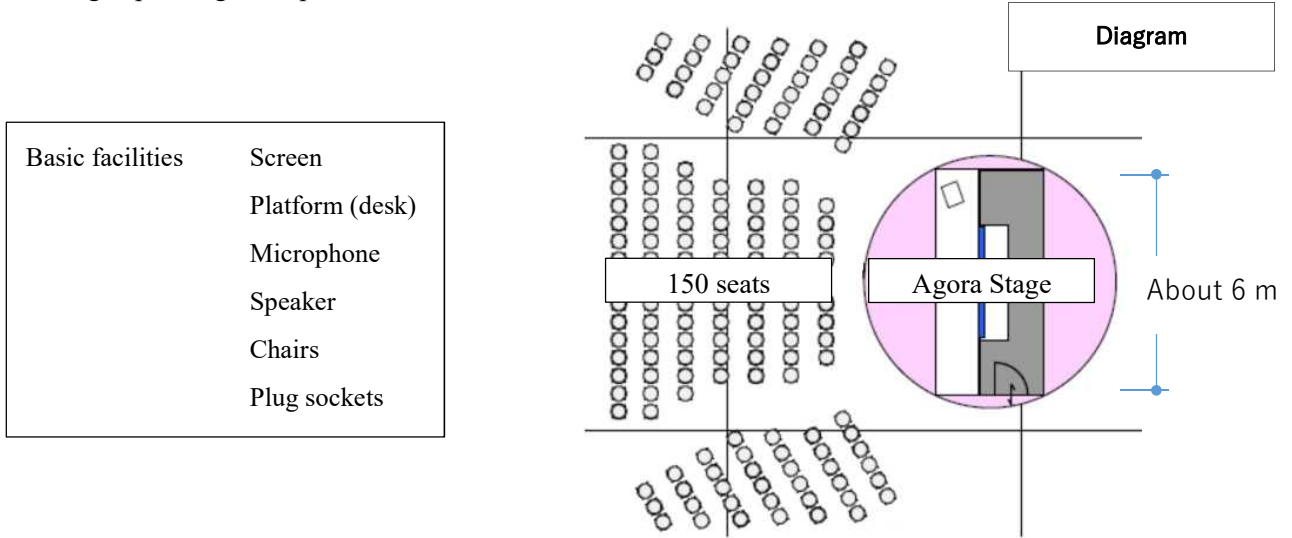
\*Tables that are close to attendees / will be set up on a floor from floors 3-5 in the Telecom Arena



**Co-creation table basic facilities**  
 Plug sockets (x2, up to 0.5kW)  
 \*Application not needed  
 Chairs are not included in the basic facilities

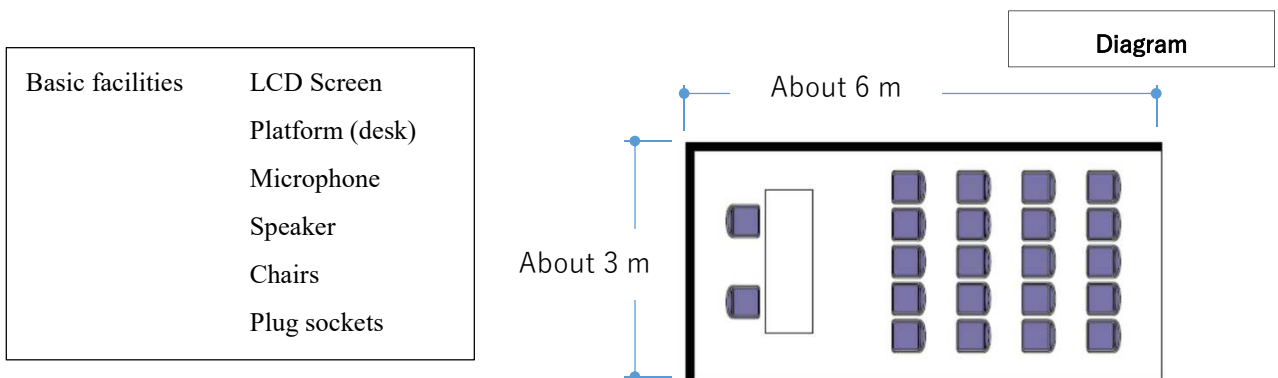
**Basic Specifications for the Stage (May Change Depending on the Circumstances)**

\*Large open stage set up on the 1<sup>st</sup> floor of the Telecom Arena



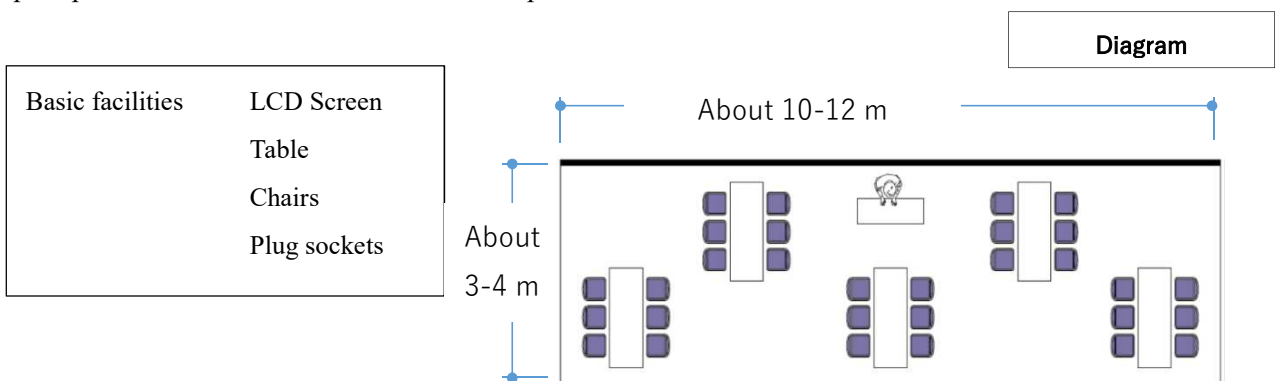
**Basic Specifications for the Mini-Stage (May Change Depending on the Circumstances)**

\*Open stage close to the attendees / will be set up from floors 3-5 in the Telecom Arena



**Basic Specifications for the Workshop Spaces (May Change Depending on the Circumstances)**

\*Open space close to the attendees / will be set up from floors 3-5 in the Telecom Arena

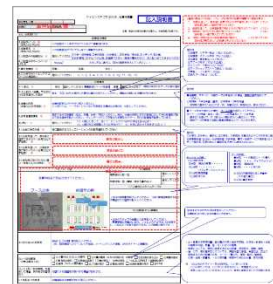


## 1 4 . About Implementing Programs at Symbol Promenade Park

It will be possible to use Symbol Promenade Park (West Promenade), next to Miraikan, for Science Agora 2019. It is recommended for experience-style programs using a wide outdoor space. **People who want to implement a program in the park must contact the Secretariat before applying.** Programs will be implemented at a different venue if it rains.

## 1 5 . Review Criteria

Please read the 【2019】 Entry Explanation (PDF) document on page 10 when completing the Application Form. Consider the contents of your program that are review points, and organize the way you enter the form so that it is clear that your program is in line with the spirit and intent of Science Agora.



### 1 5 – 1 . What to Think About on Application Form Items 12-14

#### Point 1: Who is your main target?

Specifically, who is your main target? Refine your target, and create an interactive scenario that allows you to convey the value of your program appropriately. However, give consideration to ensuring that you do not neglect explanation for people other than your main target.

#### Point 2: Have you avoided using difficult language?

Create an environment in which it is easy for visitors to converse such as by adding explanations for specialist terminology, providing the background in simple terms, and creating materials to distribute; in other words, the minimum consideration required to establish dialogue with individuals that differ from those in your usual community.

#### Point 3: Have you avoided excluding differing opinions?

Listen to a variety of opinions and ascertain, from opinions that differ from your own, the points where basic agreement can be achieved. Then engage in constructive discussion toward building a better future.

#### Point 4: Is the aim of the exhibit clear?

In terms of the results of exhibiting in Science Agora, what kind of outcome do you hope to obtain? What response by participants would you consider indicative of success? Clarify your goals, by devising a concrete image of those points.

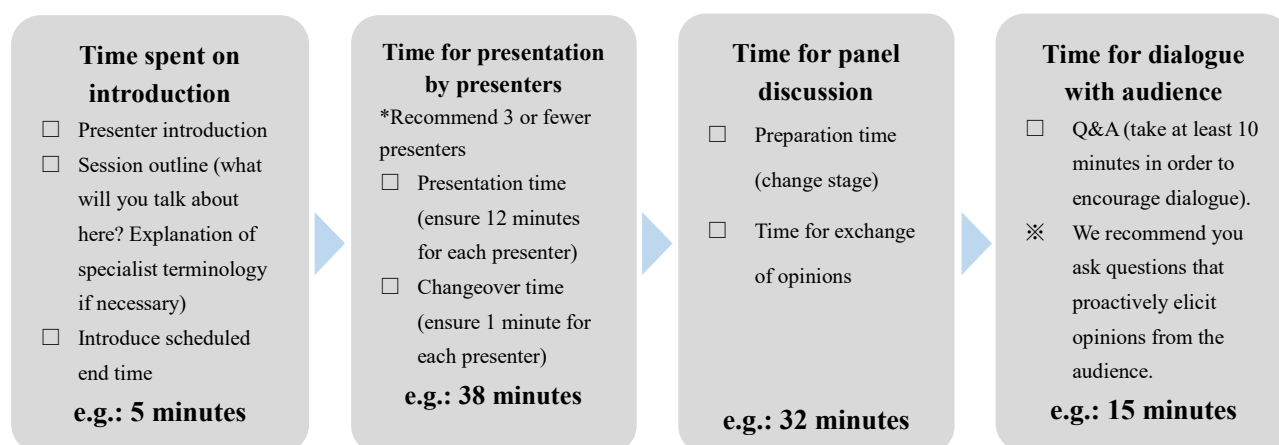
## 1 5 – 2 . What to Think About on Application Form Items 15-18

The sessions can become difficult to understand if too much information is squeezed in. Consider whether your methods for advancing the dialogue are adequate, such as allowing time for everyone to think together, while envisioning a diverse range of visitors.

### Conference Rooms, Stage, and Mini-Stage

Some opinions from the attendee questionnaires says that “there were too many presenters, so each speaker had only a short time to talk, and it was not enough,” “the experts left things unsaid, so I could not understand their conclusions” and “I wanted to ask a question, but the time ran out, so I was unable to.” If the sessions are 90 minutes, **then we strongly recommend that three presenters are planned.** If attendees judge that there are too many presenters so an adequate exchange of views cannot be achieved, then their assessment will be poor, in terms of whether the organization of the time and space is appropriate. Please consider the flow of the session, with reference to the examples of time allocation below and more.

#### ●Examples of session time allocation



\*Sessions will be implemented at 90 minutes per timeframe, with 25 minutes each for preparation and withdrawal, for a total of 140 minutes. Please comply with the end time.

#### ●Points on the Introduction

Science Agora is made up of a broad range of participants. You will even be visited by attendees who note that “I have no specialist knowledge, but I am interested in the topic, so I want to hear the discussion.” It may be good if you can explain at the start of the session, the kinds of contents you will discuss in your program, in relation to the topic. Efforts such as making a list of specialist words in advance and displaying it at the entrance, or handing it out as materials, will prove effective as well. If you also introduce your schedule within the session, then the overall impression will become easier to understand and the proportion of the session that the audience will take in by the end, will increase.

#### ●Points on Presenter Presentations

There is a tendency for it to become difficult for participants without a great deal of specialist knowledge to

comprehend the contents, if the presenter’s presentation times are less than 10 minutes. Please try and aim for a duration of around 12 to 15 minutes at the least. Convey the fact that “there are novices among the attendees” to the presenters, and urge them to aim to explain things carefully. Something that is easy to overlook is the changeover time between presenters. Since it can also take time to change PCs and other equipment, please allocate time with some margin.

**●Points on Panel Discussions**

It is not desirable to construct a panel of presenters, who all have the same opinions. By bringing together a variety of voices from throughout society, meaningful sessions can be implemented at Science Agora. We ask you to think of ways to facilitate discussion, including people with differing views.

**●Points on Dialogue with the Audience**

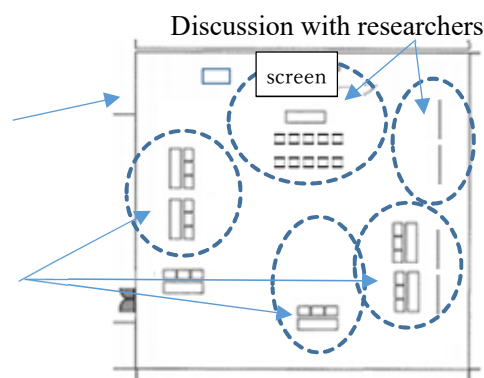
During the Q&A, try to pose questions that proactively elicit opinions from the audience, questions such as “What should we do in order to expand this technology?” rather than simply asking, “Do you have any questions?”

**●About the Conference Room layouts**

You can arrange the layout of the Conference Rooms freely. Try to think of a layout that suits the program that you want to implement. In “**Parent and Child Challenge! – Let’s Clear Our Regional Problems Through 17 Global Targets! –**” (Global joint PJ by National Institute of Technology and Nagaoka University of Technology) that was awarded the Science Agora Prize in 2017, interaction was encouraged by setting up the venue as in the diagram below, and achieving communication using the entire Conference Room, through different games on each table, talking with researchers during poster sessions, and other such efforts.

Consider making changes to the activities in each zone to enable people to participate according to their interests.

Workshops and games



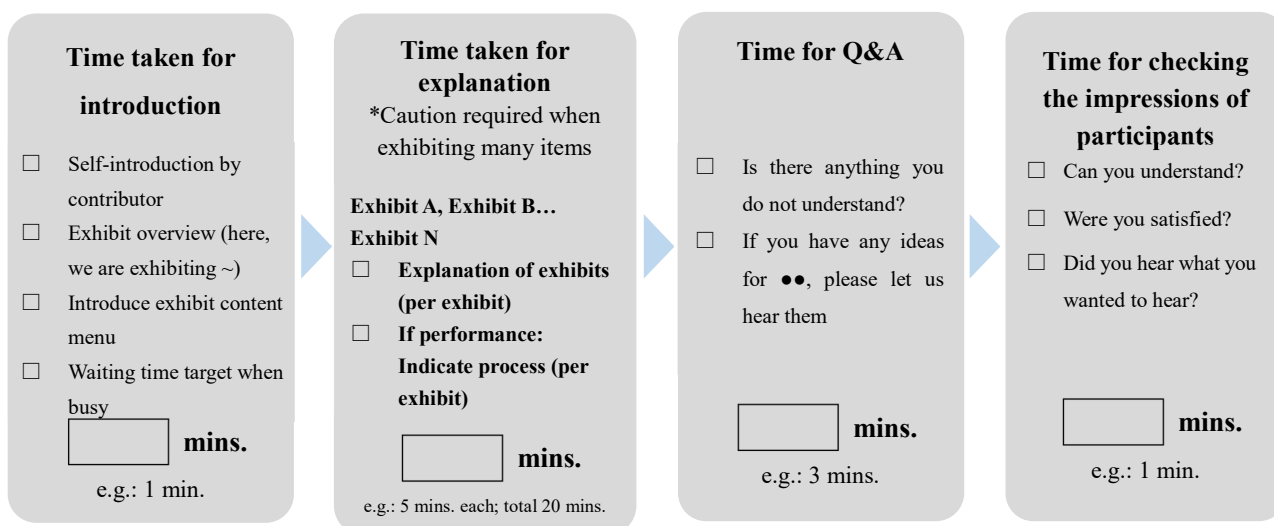
**Co-Creation Tables and Workshop Spaces**

If you want attendees to watch a performance nearby, or if you want to stage a workshop that gets a small number of people to use their hands, then a session at a co-creation table or workshop space will be effective. The favorable opinion that "there were a sense of close distance, making questions easy to ask" was seen for co-creation tables in particular on the attendee questionnaires. We recommend these for individuals who wish to conduct active sessions, in the area where booths are lined up. The time allocation, introduction and interaction-related points are the same for co-creation tables and workshop spaces as for the Conference Rooms.

## Booths

Based on the analysis results for the “*Miechyou! Tacchirari- Digital Checkpoint Challenge* (AIST) which has been implemented since 2016, it is guessed that **the median staying time for attendees is 2 hours, and the number of programs they circled around was around 6 or 7** (because of the very small number of *Tacchirari-* participating programs, the sessions could not be analyzed). If we picture an image of the average attendee, then it appears that **booths are desirable that have contents that can be explained in under 15 minutes**. We also recommend that the time required for explanation is displayed in the booth (please accept that in some cases you may be asked by JST to display this). Consider a flow that is compatible with the attendees, with reference to the following format.

### ●Example of booth time allocation

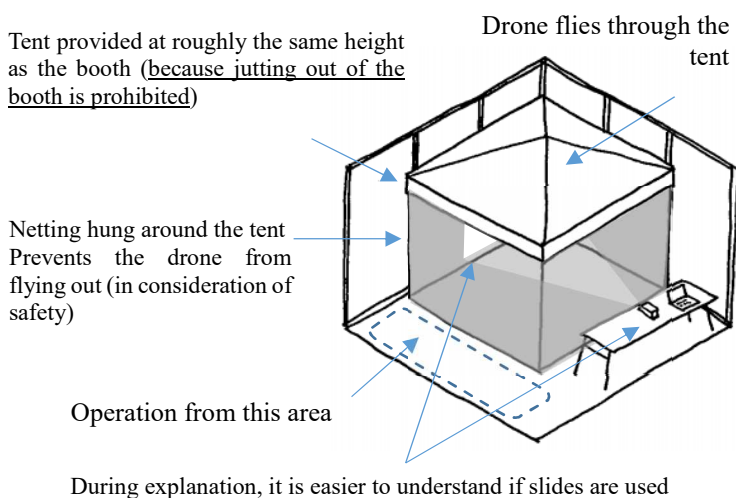


**Total time target**  mins. to  mins. (e.g.: Shortest exhibit A only, 10 mins. to longest exhibit A to N, 20 mins.)

### ●Booth arrangement example

Do you feel that your exhibit will need a wide space? By thoroughly utilizing a space with width 3 m × depth 3 m × height 2 m, it is possible to implement a compact yet very satisfying exhibit.

At Science Agora 2017, the "First Drone ~ Let us experience the future ~" (KEIO Research Institute at SFC, Consortium for Co-Creation of Drone Collaborative Society) was effectively active within a booth of 3 m × 3 m × 2 m.



In accordance with the created schedule, explanations were given for the drone operation, the simulator, and actual equipment. Consideration was also given to the surroundings; the contributors were asked to ensure that nothing jutted out of the booth, that an exemplary arrangement was used that paid attention to safety, and that it did not extend too widely, to people looking around. Good results were achieved through consideration of how to strive to ensure that the participants enjoyed themselves, within the predetermined space while the rules were observed.

● **Other important points**

Please note that it is not possible to use mascot characters for program decorations without handling copyright matters.

## **Publicity Plan Formulation**

**From this year, contributors will fill out the review sheet with the publicity plan they will conduct themselves.**

Please reference the following for considering your publicity plan.

### **Early August to end of August: Finalization of program contents, title and necessary equipment**

Soon after selection, the person in charge of making the exhibit a success will finalize the exhibit contents at the implementation level, while cognizant of effective methods of notification and attracting visitors. The deadline for checking and submitting information to be included in the program and other materials is in late August. Please meet with other relevant parties and consider the equipment you need according to the flow of the exhibit day (for equipment applications, procedures must be undertaken at the same time as the submission of program information).

### **Early September onward: Consideration and implementation of notification and publicization**

Publicity for the staging of Science Agora 2019 will be conducted by the secretariat. It will be necessary for you to conduct notification and publicization yourself for individual programs, as also mentioned in the application terms.

**Even though there will be a great many attendees across the whole of Science Agora, people will not just automatically visit your program. Programs that successfully attracted visitors implement announcements and publicity effective for each target.** A person in charge of a program that filled a 200-person scale session venue each time at Science Agora 2016, 2017, and 2018, made the following kinds of efforts.

You will be notified approximately 3 weeks in advance of the staging of the event (excluding the directly-prior reminder via email magazine). Targets will be set when the application form is created and will be notified by email or via mailed flyers. Our approach in an average year focuses on agencies and organizations that are likely to come into contact with individuals gathering information relating to the established theme (survey times will be planned separately).

1. **Mailing of leaflets to relevant organizations:** Original leaflets will be created and mailed to the sections in charge in public organizations and local governments. They will also be sent to researchers and practitioners who appear to have some relation to the theme.
2. **Asking relevant organizations for mailing list distribution and posting on websites:** Websites related to the theme will be investigated, while presenters will be asked for good publicity-destinations and about the posting of information
3. **Distribution via website, mailing list and various types of email magazine:** In addition to our own mailing lists, we will ask email magazines of organizations we are acquainted with, to post the information.



**Late September onward: Various procedures and formulation of script**

Think about the contents of dialog with attendees and create a script. Recheck what is required for implementation. If there is anything you wish to confirm with a health center, fire department or other service, please deal with this at an early date (we ask that you handle all reports and notifications yourself).

**Late November to the day before: Rehearsals**

The key to success is to prepare with some margin, and to rehearse very carefully. Please make use of the list below.

- Organize necessary articles and plan to deliver belongings
- Organize your schedule for the day
- Confirm discussion contents and roles with all staff
- Provide guidance and information on the staging of the event via SNS, etc.

## Appendix

### Balance of “Deepening Dialogue and Cooperation” and “Expanding Interest”.....

Deepening Dialogue and Cooperation” and “Balance of Expanding Interest

Since first being held in 2006, Science Agora has been designed to be a place for exchange and dialogue between science and society, and to promote dialogue between diverse people who are involved with science. Although emphasis is placed on expanding interest in science, the aim is not that alone. Science Agora continues to change along with the changes in the times, and since 2018 has been tackling operation to achieve both **collaboration leading to a better future by conveying the opinions of society to R&D facilities through dialogue** (deepening dialogue and cooperation), and **further expanding participants’ interest in science communication** (expanding interest). The 2019 welcomes the following programs in line with the theme and questions.

✓ **Programs in which young researchers, university students, junior and high school students, and others can participate**

Many scientists and researchers participate in Science Agora. Everyone from pioneering researchers to next-generation researchers gather under one roof to enjoy providing programs that think about the future. In addition, it is necessary to have a place that people can enjoy and gain knowledge in categories where they have different levels of understanding. JST, the host, coordinates a balance of programs with different targets, attracts programs in which scientists and researchers can participate, and creates a place where everyone can have exchanges and experience a part of scientific innovation.

✓ **Programs with a focus on “resolving social issues” and “regional revitalization” that gather together related people**

Programs are welcomed in which people related to the issues can participate as interested parties, from programs that address social issues on points that cross over different generations, social positions, and countries, to family-oriented programs. The main sponsor JST gathers regional efforts for resolving social issues with science and technology, and creates a place where many people can learn about them.

### About the Solicitation of Sponsor Companies

We are seeking sponsor companies that can resonate with and support Science Agora’s activities. A time frame will be prepared with priority for sessions and booths for sponsor companies and organizations. For more information, please refer to the Science Agora official website (<https://www.jst.go.jp/sis/scienceagora/en>).

## Merits of Exhibiting at Science Agora

### ●Science Agora is a place where all participants can learn

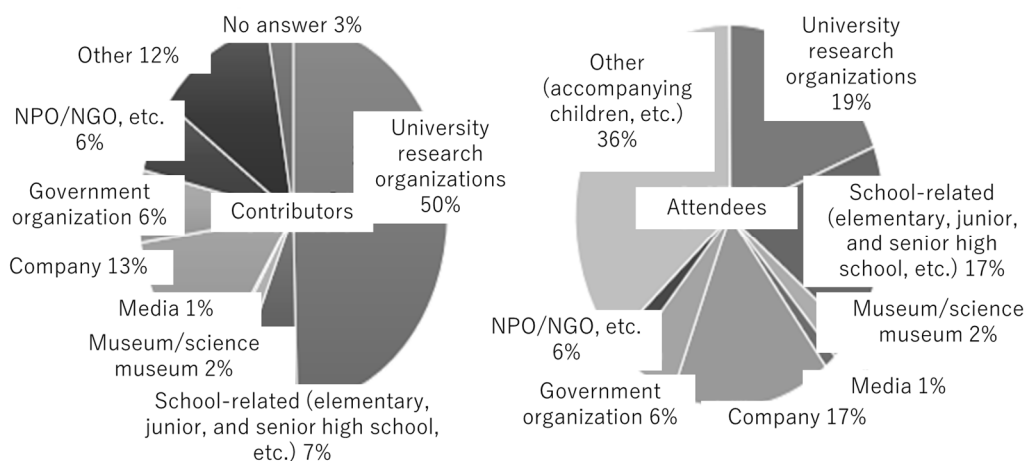
Science Agora is a place where attendees can have fun and learn, and is also a place where contributors learn many things. The following mechanisms are in place in Science Agora.

**Application Stage:** We have incorporated a process for individuals to deepen their own thinking, through the creation of an application form. Even if you are not selected, you may be able to receive feedback from the review from committee.

**Exhibit preparation Stage after selection:** You can participate free of charge in a mini-seminar on smooth communication with attendees, via the Miraikan Science Communicator (details currently being arranged).

**Exhibition day – after closing:** We will conduct a trial so that contributors can find new associates, such as partners and collaborators that may be necessary for their activities, through arrangement design that engenders exchange between fellow contributors. The knowledge we obtain through spotlight plans and curation will be applied to our future activities.

Science Agora has been held 13 times in the past. In attendee questionnaires on an average year, more than 90 percent report a high level of satisfaction, with responses including “I am glad I came” and “I will come again.” The ratio of attendees in 2018 is as follows.



For the results of Science Agora 2018, please see the reports on Science Portal and the official website.

### ●The Curtain Closes on Science Agora 2018 with 4,000 attendees (from Science Portal)

[https://scienceportal.jst.go.jp/news/newsflash\\_review/newsflash/2018/11/20181112\\_01.html](https://scienceportal.jst.go.jp/news/newsflash_review/newsflash/2018/11/20181112_01.html)

### ●Science Agora 2018 Report

<https://www.jst.go.jp/sis/scienceagora/reports/2018/>

The following impressions were reported by attendees in 2018.

I have exhibited for several years at “*Miechyau! Tacchirari,*” and **I have steadily increased my friends related to development and people with an interest in it** through Science Agora. **Based on achieving Science Agora,** there have been decisions one after the other about introducing Smart Sensing 2019 (June 5-7, 2019) at Tokyo Big Site, **and it was possible to take a step towards implementation.**

(Kazuya Yamashita, AI Technology Consortium, AIST)

I participated for the first time. **Diverse people and viewpoints from many universities and companies, that cannot be fully described in the science framework, were gathered, which will serve as reference when choosing future courses.** Recently, research and development affecting high school students has been greatly conducted, but I think Science Agora is an event that exceeds that. It is possible to talk with regular attendees and other contributors on what you have conducted R&D on, and **I received new motivation through the conversations. I was also pleased that at the end, I was able to take questionnaires from regular attendees.** (Reika Abe, Tokyo+Kanazawa+Osaka High School Students United ~ SeaGlobe)  
(Principal, Meidai Junior High School, Bunkyo-ku)

The following comments were collected from past contributors.

- ✓ I felt that previously, my discussions have started and ended within the realm of industry, but at Science Agora, I was able to have a talking session with people from outside the industrial world. I gained a positive impression from the participants, that it was easy to talk, which was meaningful to me.
- ✓ I perceived comments from attendees as the fresh voices of a general perspective, while comments from contributors are the frank voices of specialists; I want to apply this in my future research and development.
- ✓ I am happy to have extended the breadth of my exchanges, having been asked to give lectures, and so forth, thanks to the opportunity given by Science Agora.
- ✓ I was able to discuss the shared challenge of “science” with people I would ordinarily not get to know, from companies to individuals, from around the country
- ✓ I widened my outlook through exchanges with individuals in a variety of positions. It was an opportunity for us to rediscover our own efforts, while at the same time, to be inspired by the initiatives of other organizations.

## **About the Invited Programs and JST Programs (planned to be implemented as of May 31, 2019)**

### **•Keynote Speech**

**【JST program】** Describes “civilization’s progress” and “the ideal future” related to the Science Agora 2019 theme, and considers content that elicits action by stakeholders.

### **•Keynote Session**

**【JST program】** The Keynote Session, which takes on the theme of the Keynote Speech, is participated in by specifically related stakeholders, and dialogue is conducted in a discussion format with all the participants to contribute Actionable Ideas toward cooperation. It is considered that Actionable Ideas that people or groups want to implement will be described toward realizing “the ideal future.”

### **•International Collegiate Virtual Reality Contest (IVRC)**

**【Invited program】** This is a content in which students compete based on the originality of their planned and created interactive works, technical challenges, and experience impact. It has been held since 1993, and has produced many creative, familiar works that overcome stereotypes about virtual reality (VR). The participating teams connect with

staff centered on pioneering researchers to plan completely new interactive works and VR systems over half a year, and actually manufacture the devices and incorporate the contents. The completed works are reviewed through the experience-style exhibit at Science Agora, and decisions are made on the works to be awarded prizes.

● **Future Scenario Playing combining a tabletop role-playing game (TRPG) and future scenarios**

【Invited program】 Future Scenario Playing is a method for taking a pseudo-time warp to the future through roleplaying by participants. The goal is to acquire hints about living in the future by playing the parts of people living in the likely future, and drawing out lively emotions and values transcending logic and ethics. By being forced to express actions and statements from a period and position different from our everyday ones, the participants' conceptual ability and potential problem-finding ability for the future are cultivated.

● **Good Matching Creation Program “Odaiba 100 Researchers Paper”**

【Invited program】 This is the **Science Agora version of the Kyoto University 100 Researchers Paper** (<https://100nin.cpier.kyoto-u.ac.jp/src/about.php>) in which each researcher who registered for the planning posts a research theme anonymously, and enters questions, comments, advice, and more on slips of paper. There is participation by researchers with motives of wanting to start something new, wanting to receive help from researchers in other fields on issues they absolutely cannot resolve, and wanting to develop joint research by having someone use their skills. Each participant posts three questions at once in the posting venue. The exhibit is in the style of a scientific society poster publication, and it is possible to freely write comments to various participants and attach them to the sides of the slips of paper in the venue. The attached comments are later compiled to form a website open to the participants. The participants can view the site and reply to the comments when appropriate.

● **Presentation of Research by Elementary and Junior High School Students Participating in the Junior Doctor Training School (will be carried out in the 20<sup>th</sup> floor conference room, etc.)**

【JST program】 The Junior Doctor Training School is a program supported by JST that develops and implements a systematic training plan that discovers and further expands the abilities of elementary and junior high school students with high ambition and profuse abilities through learning in science, mathematics, and information fields, toward training excellent human resources who will lead scientific innovation. Together with conducting a presentation of the research activity posters by the participating elementary and junior high school students and confirming the activity results, exchanges will be deepened with Science Agora attendees and contributors.

● **Presentation of Research by High School Students Participating in the Global Science Campus (GSC) (will be carried out at Miraikan and other venues)**

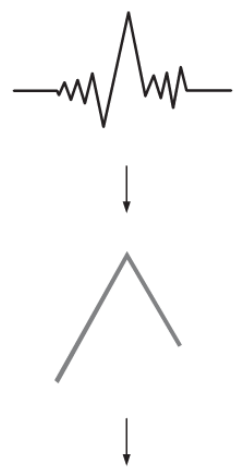
【JST program】 GSC is a university that targets high school students to widely discover excellent students, and supports further extension of their abilities through lectures and research, thereby aiming to train science and technology human resources who can work on a global scale in the future. At this presentation, high school students who attend GSC lectures will gather from around Japan to present their research results, and will be publicly acknowledged as lecture students who have achieved excellent results.

●**Miechyou! Tacchirari**

【Invited program】 This is a system that gathers only attribute information, and not personal information, on the booth visiting behavior and level of satisfaction of attendees, collates it as electronic data on a single platform, and creates a model in cyberspace through artificial intelligence. It aims to provide interactive service for information via the shortest and easiest route based on people’s values and the venue conditions in cyberspace. In 2019, the general reception and *Tacchirari* reception will be merged, and booth exhibit contributors will be able to participate in the *Tacchirari* for free in order to measure the level of satisfaction of attendees from the analytical results. (AIST or JST will provide Wi-fi and equipment needed for the *Tacchirari* free of charge.)

●**Opinion Gathering Board and the Session Report Board**

【JST program】 JST aims to widely share the results of discussions, exchanges, and more produced during the conference. This year’s questions were selected from the topics that many people had an interest in from the opinions gathered on last year’s Opinion Gathering Board. It is hoped that there will be even deeper exchanges this year, and the content discussed throughout the venue will be shared. In addition, reports on each session will be posted on the Report Board in order to pique the interest of people who could not participate in sessions due to circumstances related to time and other reasons. The opinions of attendees gathered on the Opinion Gathering Board and other methods will be tied to holding Science Agora after the next fiscal year.



SCIENCE AGORA LOGO CONCEPT

The moment when discovery and insight are felt; humans feel a great joy. We grasped that moment when feeling leaps up, and made it into a logo. It represents the image of a single element repeated, and spun like yarn, It symbolizes a place where a great breadth is shown by assembling many elements.

The image of it developing ever further into the future is expressed in the unfinished form,

It represents the huge power, of layering human interaction with insight, to create the future.

