

## **The 2nd Symposium on Science and Technology Diplomacy**

Ministry of Foreign Affairs of Japan and National Graduate Institute for Policy Studies (GRIPS) organized “the 2nd Symposium on Science and Technology Diplomacy” in Tokyo on December 11, 2019.

The symposium was opened by welcome remarks of Ms. OMI Asako, Parliamentary Vice-Minister for Foreign Affairs and Dr. TANAKA Akihiko, President, National Graduate Institute for Policy Studies (GRIPS) as organizers subsequently. Mr. YAMAWAKI Yoshio, Senior Deputy Minister, Ministry of Education, Culture, Sports, Science and Technology (MEXT) and Mr. MATSUO Hiroki, Director General for Science, Technology and Innovation, Cabinet Office made speech as guests. Vice Minister OMI mentioned that Science and Technology is an important foundation for national peace and prosperity. She emphasized that she was convinced this symposium would lead to the further promotion of Science and Technology Diplomacy of Japan through reviewing the activities of Dr. KISHI Teruo, the Science and Technology Advisor to the Minister for Foreign Affairs.

Dr. KISHI made a keynote lecture on his activities and future prospects followed by the comments from the members of the Advisory Board for the Promotion of Science and Technology Diplomacy, namely Dr. NAKAMURA Michiharu, Mr. ARIMOTO Tateo, Dr. KITSUREGAWA Masaru, Dr. TAKEYAMA Haruko, and Mr. MATSUMI Yoshio. Afterwards, Dr. KOBAYASHI Yoshimitsu, Chairperson, Director of the Board, Mitsubishi Chemical Holdings, Dr. GONOKAMI Makoto, President, the University of Tokyo, Ms. KINOSHITA Sue, Minister Counsellor for Economic Affairs at the British Embassy in Tokyo, Dr. HAMAGUCHI Michinari, President, Japan Science and Technology Agency (JST) and Ms. OGAWA Naoko, Deputy Director, Industrial Technology Bureau, Keidanren participated in the panel discussion entitled “Expectation for the Future of the Science and Technology Diplomacy” moderated by Dr. SHIRAISHI Takashi, Chancellor, Prefectural University of Kumamoto (PUK) / Adjunct Professor, Professor Emeritus, National Graduate Institute for Policy Studies (GRIPS).

Through the symposium, the attendees acknowledged that the activities of Dr. KISHI since September 2015 as the inaugural Science and Technology Advisor to the Minister for Foreign Affairs, opened up the way of the practice of Science and Technology Diplomacy in Japan, and should be highly evaluated. In order to reinforce and expand the Science and Technology advisory system based on his achievements, the direction has been suggested as follows:

- As the digital revolution is in progress, the importance of diplomatic activities based on scientific evidence data has been stressed so far. Consequently, Science and Technology Diplomacy focusing on data science, including rule making, should be further strengthened. Science and Technology Diplomacy must contribute to the realization of Society 5.0\* and the achievement of the SDGs, while avoiding our society going in the negative direction caused by monopoly and digital tyranny.

- There is no argument that Science and Technology Diplomacy should encourage global research activities. However, it is also necessary to distinguish between “Science Diplomacy” and “Technology Diplomacy” taking into consideration the growing of the impact of emerging technologies in the field of global security and the presence of nations/regions which cannot share the same ethical value in science.
- Japan’s strong science and technology potential is the most important tool for its Science and Technology Diplomacy. In order to reinforce the research system, it is the time for Japan to contemplate what “Japanese Style” would be like through learning European and American style but not just copying. In the same manner, we should promote Science and Technology Diplomacy with a medium and long term vision based on “Japan Style” and widely disseminate such activities in Japan and overseas.
- To practice above mentioned actions, appropriate budget allocation is required. It is also indispensable to encourage collaboration among various sectors such as ministries, research institutions, universities and industries and to foster human resource. Furthermore, cooperation within the Ministry of Foreign Affairs, among divisions and overseas establishments, should be promoted. We also need to discuss the increase of science Attachés at overseas establishments.

\* Society 5.0 was proposed in the 5th Science and Technology Basic Plan as a future society that Japan should aspire to. It is a human-centered society that balances economic advancement with the resolution of social problems by a system that highly integrates cyberspace and physical space.



## **Program**

### **15 : 30~15 : 50 Opening Session**

Ms. OMI Asako, Parliamentary Vice-Minister for Foreign Affairs, Ministry of Foreign Affairs

Dr. TANAKA Akihiko, President, National Graduate Institute for Policy Studies (GRIPS)

Mr. YAMAWAKI Yoshio, Senior Deputy Minister, Ministry of Education, Culture, Sports, Science and Technology

Mr. MATSUO Hiroki, Director General for Science, Technology and Innovation, Cabinet Office

### **15 : 50~16 : 30 Session 1: Reviewing Activities of the Science and Technology Advisor to the Minister for Foreign Affairs**

#### **15 : 50~16 : 10 Keynote Lecture**

Dr. KISHI Teruo, Science and Technology Advisor to the Minister for Foreign Affairs

#### **16 : 10~16 : 30 Comments from the members of the Advisory Board for the Promotion of Science and Technology**

Moderator : Dr. KANO Mitsunobu R., Science and Technology Co-Advisor to the Minister for Foreign Affairs

Commentators :

Dr. NAKAMURA Michiharu, Counselor to the President, Japan Science and Technology Agency (JST)

Mr. ARIMOTO Tateo, Visiting Professor, National Graduate Institute for Policy Studies (GRIPS)

Dr. KITSUREGAWA Masaru, Director General, National Institute of Informatics

Dr. TAKEYAMA Haruko, Professor, Faculty of Science and Engineering, Waseda University

Mr. MATSUMI Yoshio, Advisory Member, ITOCHU Corporation

#### **16 : 30~17 : 25 Session 2: Expectation for the Future of the Science and Technology Diplomacy Panel Discussion**

Moderator : Dr. SHIRAISHI Takashi, Chancellor, Prefectural University of Kumamoto (PUK) / Adjunct Professor, Professor Emeritus, National Graduate Institute for Policy Studies (GRIPS)

Panelists :

Dr. KOBAYASHI Yoshimitsu, Chairperson, Director of the Board, Mitsubishi Chemical Holdings

Dr. GONOKAMI Makoto, President, The University of Tokyo

Ms. KINOSHITA Sue, Minister Counsellor for Economic Affairs at the British Embassy in Tokyo

Dr. HAMAGUCHI Michinari, President, Japan Science and Technology Agency (JST)

Ms. OGAWA Naoko, Deputy Director, Industrial Technology Bureau, Keidanren

#### **17 : 25~17 : 30 Closing Session**

Main Facilitator: Dr. SUNAMI Atsushi, Executive Advisor to the President; Adjunct Professor, GRIPS /President, The Ocean Policy Research Institute of the Sasakawa Peace Foundation