

## **Moonshot International Symposium**

December 17th - 18th, 2019

Bellesalle Tokyo Nihonbashi

7-1, Nihonbashi 2-chome, Chuo-ku, Tokyo, Japan

Language : English (English-Japanese simultaneous interpretation for audience)

### **Agenda**

#### **Day1: Tuesday 17th**

08:30 - 09:20    **Registration**

**a.m.**

#### **Opening and Keynotes (09:30-11:00)**

##### **Opening and Welcome Remarks**

09:30 - 09:35    - **Mr. TAKEMOTO Naokazu**    Minister of State for Science and  
Technology Policy, Government of  
Japan (GOJ)

09:35 - 09:40    - **Dr. HAMAGUCHI Michinari**    President, Japan Science and  
Technology Agency (JST)

##### **09:40 - 10:00    Outline of the Moonshot R&D Program and Purpose of the Symposium**

- **Dr. KOBAYASHI Yoshimitsu**    Executive Member of the Council for  
Science, Technology and Innovation  
(CSTI), GOJ, and Chair of the Visionary  
Council of the Moonshot R&D Program

##### **Expectation of E.U. - Japan Cooperation in Moonshot Research**

10:00 - 10:05    - **Mr. Carlos Moedas (video message)**    Former Commissioner for  
Research and Innovation, European  
Commission (EC)

10:05 - 10:10    - **Ms. Mariya Gabriel (video message)**    Commissioner for Innovation and  
Youth, EC

### **Expectation of U.S. - Japan Cooperation in Moonshot Research**

- 10:10 - 10:13      - **Dr. Kelvin Droegemeier (message)**      Director, White House Office of  
Science and Technology Policy (OSTP),  
USA
- 10:13 - 10:30      - **Dr. Chris Fall**      Director, Office of Science, Department  
of Energy (DOE), United States of  
America(USA)
- 10:30 - 10:50      **Keynote Speech**  
                                 - **Mr. SON Masayoshi**      Chairman and CEO, Soft Bank Group  
Corp.

### **Break (10:50-11:10)**

### **Special Session (11:10-11:50)**

- 11:10 - 11:30      **Moonshot Lecture**  
                                 - **Dr. Eric Astro Teller (video link)**      Captain of Moonshots, X
- 11:30 - 11:45      **Keynote Speech**  
                                 - **Dr. SHIRAISHI Takashi**      Chancellor, Prefectural University of  
Kumamoto
- 11:45 - 11:50      **Presentation**  
                                 - **Dr. KYUMA Kazuo**      President, National Agriculture and  
Food Research Organization, Former  
Executive Member of CSTI

### **Lunch (11:50-13:00)**

**p.m.**

### **Plenary Session 1 : Innovative Management of Moonshot Research (13:00-15:20)**

- 13:00 - 13:20      **Keynote Speech**  
                                 - **Ms. Anousheh Ansari**      CEO, XPRIZE Foundation (XPRIZE)
- 13:20 - 13:35      **Presentation**  
                                 - **Mr. Maurice Conti**      CEO, Applied Intelligence

13:35 - 13:50	<b>Presentation</b>	
	- Mr. Adam D'Angelo	CEO, Quora, Former CTO, Facebook, and Program Advisor, INNO-vation Program
13:50 - 15:20	<b>Discussion</b>	
	- Dr. UHEYAMA Takahiro (moderator)	Executive Member of CSTI
	- Dr. HAMAGUCHI Michinari	JST
	- Dr. Chris Fall	DOE
	- Mr. Wolfgang Bartscher	Deputy Director-General, EC
	- Ms. Anousheh Ansari	XPRIZE
	- Mr. Maurice Conti	Applied Intelligence
	- Mr. Adam D'Angelo	Quora and INNO-vation Program
	- Mr. AKAISHI Koichi	Vice Minister for Innovation, Cabinet Secretariat, GOJ

**Break (15:20-15:40)**

**Plenary Session 2 : Areas and Visions for Setting Moonshot Goals (15:40-17:25)**

15:40 - 15:50	<b>The Mission of Horizon Europe</b>	
	- Mr. Pascal Lamy (video message)	Chair of Ocean Mission Board for Horizon Europe, and Former Commissioner for Trade, EC
15:50 - 16:05	<b>Presentation</b>	
	- Dr. Jacob Taylor	Assistant Director for Quantum Information Science, OSTP, USA
16:05 - 16:25	<b>Presentation</b>	
	- Dr. KITANO Hiroaki	Member of the Visionary Council, and President and CEO, Sony Computer Science Laboratories, Inc. (Sony CSL)
16:25 - 17:25	<b>Discussion</b>	
	- Dr. KITANO Hiroaki (moderator)	Visionary Council and Sony CSL
	- Mr. Wolfgang Bartscher	Deputy Director-General, EC

- |                           |   |
|---------------------------|---|
| - Dr. Jacob Taylor        | OSTP  |
| - Dr. Rebecca Lynn Keiser | Head, Office of International Science and Engineering, National Science Foundation (NSF), USA   |
| - Dr. Danny Soon          | Senior Director of Health and Biomedical Cluster, Biomedical Research Council, Agency for Science, Technology and Research, Singapore |
| - Mr. David Locke         | Director, Prize Operations, XPRIZE  |
| - Dr. YAMAJI Kenji        | Senior Vice President, Director-General, Research Institute of Innovative Technology for the Earth (RITE), Chair of WG4               |
| - Mr. ANDO Kiyoshi        | Editorial writer/Senior staff writer<br>Nikkei Inc.   |

**Break (17:25-17:30)**

**Closing of the Plenary Sessions (17:30-17:50)**

17:30 - 17:45    **Wrap Up**

- |                      |                                |
|----------------------|--------------------------------|
| - Dr. UYAMA Takahiro | CSTI                           |
| - Dr. KITANO Hiroaki | Visionary Council and Sony CSL |

17:45 - 17:50    **Closing Remarks**

- |                        |  |
|------------------------|--|
| - Mr. ISHIZUKA Hiroaki | Chairman, New Energy and Industrial Technology Development Organization (NEDO) |
|------------------------|--|

**Day2: Wednesday 18th**

08:20 - 08:50     **Registration**

**Opening, Outline of the Moonshot R&D Program, Summary of the Plenary Sessions (Joint Session - simultaneous delivery to each meeting room) (9:00-9:30)**

09:00 - 09:05     **Welcome Remarks**

                         - **Mr. TAIRA Masaaki**                             State Minister of Cabinet Office

09:05 - 09:20     **Outline of the Moonshot R&D Program**

                         - **Mr. MATSUO Hiroki**                             Director-General, Cabinet Office (CAO)

09:20 - 09:30     **Summary of the Plenary Sessions and Logistics**

                         - **Prof. Dr. KASAI Yasuko**                             Senior Researcher, CAO

**Working Group Discussion on the Moonshot Goals (Thematic Sessions) (09:30-16:00)**

                         Discussion

                         Lunch / Break

                         Discussion

**Wrap Up: Presentations on the Moonshot Goals by the Chairs of the WGs (Joint Session) (16:00-17:25)**

16:00 - 16:10     **WG 1 " Expanding human potential for a society where everyone can pursue their dreams"**

16:10 - 16:20     **WG 2 " Realizing a human life that "continues to improve both physically and psychologically" through complete understanding of biological functions such as the nervous system and related tissues"**

16:20 - 16:30     **WG 3 " Expanding frontiers through co-evolution of AI and robots"**

16:30 - 16:40     **WG 4 " Sustainable resources circulation for global environment"**

16:40 - 16:50     **WG 5 " Innovation for future agriculture –satisfying both food production and environmental conservation"**

16:50 - 17:00     **WG 6 " Creating innovative non-traditional sciences and technologies based on quantum and related phenomena"**

17:00 - 17:10     **WG 7 "Cross sectional issue"**

17:10 - 17:25     **Recommended Moonshot Goals by the WGs**

- Mr. SATO Fumikazu

Deputy Director General, CAO

**Closing Remarks (Joint Session) (17:25-17:35)**

17:25 - 17:30

- Dr. HAMAGUCHI Michinari

President, Japan Science and  
Technology Agency (JST)

17:30 - 17:35

- Mr. ISHIZUKA Hiroaki

Chairman, New Energy and Industrial  
Technology Development Organization  
(NEDO)