

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 (09:30-10:50)

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, Research, Culture, Education and

Youth, EC

Exploring of U.S. - Japan Cooperation in Moonshot Research

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

Break (10:50-11:10)

Special Session (11:10-11:55)

- 11:10 - 11:30 **Keynote Speech**
- Dr. SHIRAISHI Takashi Chancellor, Prefectural University of Kumamoto
- 11:30 - 11:50 **Moonshot Lecture**
- Dr. Eric Astro Teller (video link) Captain of Moonshots, X
- 11:50 - 11:55 **Presentation**
- Dr. KYUMA Kazuo President, National Agriculture and Food Research Organization, Former Executive Member of CSTI

Lunch (11:55-13:00)

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 **Presentation**
- Mr. Adam D'Angelo CEO, Quora, Former CTO, Facebook, and Program Advisor, INNO-vation Program
- 13:50 - 15:20 **Discussion**
- Dr. UEYAMA Takahiro (**moderator**) Executive Member of CSTI
 - Dr. HAMAGUCHI Michinari JST
 - Dr. Chris Fall DOE
 - Mr. Wolfgang Burtscher Deputy Director-General, Research and Innovation, 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 - 15:45 **The Mission of Horizon Europe**
- Mr. Pascal Lamy (video message) Chair of Ocean Mission Board for Horizon Europe, and Former Commissioner for Trade, EC
- 15:45 - 16:00 **Presentation**
- Dr. Jacob Taylor Assistant Director for Quantum Information Science, OSTP, USA
- 16:00 - 16:20 **Presentation**
- Dr. KITANO Hiroaki Member of the Visionary Council, and President and CEO, Sony Computer Science Laboratories, Inc. (Sony CSL)
- 16:20 - 17:25 **Discussion**
- Dr. KITANO Hiroaki (**moderator**) Visionary Council and Sony CSL
 - Mr. Wolfgang Burtscher EC

- | | |
|----------------------------|--|
| - Dr. Jacob Taylor | OSTP |
| - Dr. Rebecca Spyke Keiser | Head, Office of International Science and Engineering, National Science Foundation (NSF), USA |
| - Dr. Danny Soon | Executive 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), and Chair of WG4 |
| - Mr. ANDO Kiyoshi | Editorial Writer / Senior Staff Writer, Nikkei Inc. |

Break (17:25-17:30)

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

17:30 - 17:45 **Wrap Up**

- | | |
|------------------------|--------------------------------|
| - Dr. UHEYAMA 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)