

Report

# THE FUTURE OF LIFE

Nobel Prize Dialogue  
Tokyo 2025



JSPS

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**All discussions, lectures and panels from Nobel Prize Dialogue Tokyo 2025 are available for viewing on**  
**[https://www.youtube.com/watch?v=2\\_lhR5\\_8O3k](https://www.youtube.com/watch?v=2_lhR5_8O3k)**



## Event Information

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Nobel Prize Dialogue Tokyo 2025 was held to advance an open discussion between the science community and the public on a topic at the interface between science and society. It sought to raise public interest and understanding of science and technology while contributing to the promotion of scientific research. 22 world's leading scientists and top authorities from various fields including 7 Nobel Laureates took the stage as lecturers and panellists, addressing an audience comprising attentive members of the public including young researchers and representatives from industry. Besides an audience of 900 at the venue, a live broadcast gave people around the world an opportunity to watch the proceedings.

(The broadcast is archived at "[https://www.youtube.com/watch?v=2\\_lhR5\\_8O3k](https://www.youtube.com/watch?v=2_lhR5_8O3k)" for viewing.)

Since 2012, the Nobel Week Dialogue, a public symposium, has been held annually in Sweden by Nobel Prize Outreach on the day before the Nobel Prize Ceremony. Nobel Prize Outreach approached the Japan Society for the Promotion of Science (JSPS) with the idea of bringing the Dialogue to Japan, which led to its inaugural edition outside of Sweden, Nobel Prize Dialogue Tokyo in 2015. Following that success, the Nobel Prize Dialogue have been held six times in Japan: in Tokyo in 2017, and in Yokohama in 2018, 2019, 2022 and 2025.

Nobel Prize Dialogue Tokyo 2025 was organized in close collaboration between JSPS and Nobel Prize Outreach. Bringing Nobel Laureates and other leading researchers and experts together under one roof, the event gave members of the public a rare opportunity to engage in dialogue with them. It provided a valuable opportunity to increase the international presence of Japan within the global scientific community. The Nobel Prize Dialogue also achieved its goal of raising public interest and understanding of science as a trailblazing science communication activity.

This report summarizes the Nobel Prize Dialogue's proceedings in the hope that it may raise the interest of the general public in science and be of wide use to scientists and administrators.

### **Nobel Prize Dialogue Tokyo 2025**

**Organizers: Japan Society for the Promotion of Science (JSPS), Nobel Prize Outreach**

**Date: 9 March 2025 (10:00-16:00)**

**Venue: PACIFICO Yokohama Conference Center**

**(1-1-1, Minato Mirai, Nishi-ku, Yokohama, JAPAN)**

**Theme: The Future of Life**



### **SUGINO Tsuyoshi**

**President, Japan Society for the Promotion of Science**

Good morning, everyone!

It's a great pleasure to welcome you all to the Nobel Prize Dialogue Tokyo 2025. I would like to warmly greet everyone here at this event.

It is my great privilege to extend a warm welcome to Her Excellency Viktoria Li, Ambassador of Sweden, and Her Excellency Dr. Abe Toshiko, Minister of Education, Culture, Sports, Science and Technology, along with all distinguished guests.

In organizing today's event, we have received warm cooperation from the Nobel Foundation as well as from the Nobel Prize Outreach, led by Mrs. Hanna Stjärne, Executive Director of Nobel Foundation.

We would also like to express our sincere gratitude to various companies and organizations involved, especially our Event Partners, Shimadzu Corporation and Mitsui Fudosan Residential Co.,Ltd.

The Nobel Prize Dialogue is a wonderful opportunity for the general public to understand various values in science and technology through the dialogue with top researchers.

I am very honored to host this Dialogue again and to invite outstanding 22 speakers featuring 7 Nobel Laureates.

Today, we use many technologies that were just dreams before. However, it's also true that we are facing various challenges as a result of advancement of science and technology. I hope today's Dialogue will inspire each of you on science, technology, and our future.

By the way, we call this event "the Nobel Prize Dialogue Tokyo", but is this really Tokyo? No, this is Yokohama precisely. As you may know, Yokohama has the oldest international port in Japan, so I believe Yokohama is the most suitable city for this event which brings together the brightest wisdom from all over the world. And the port is very attractive, isn't it?

I am very happy to see so many young faces in the audience today. You may be the ones who realize future technologies that seem like dreams today. And those who are not so young, including me, let's try our best.

I hope you will have a fantastic time in Nobel Prize Dialogue Tokyo 2025.

Thank you.

\*These welcome remarks were delivered by Mr. Sugino on 9 March 2025



### Hanna Stjärne

**Executive Director, The Nobel Foundation**

Photo by Clément Morin

Your excellencies, Nobel Prize laureates, speakers, ladies and gentlemen, friends and colleagues. Welcome to the Nobel Prize Dialogue Tokyo 2025. We are very pleased to be here in Japan for the sixth time.

Over 1000 people or organizations have received the Nobel Prizes since the first prize in 1901. And three months ago, we celebrated last year's Nobel Prize in Stockholm.

For the first time artificial intelligence was recognized – a historic milestone – in both physics and chemistry. And in economic sciences, the prize was awarded to economists for providing new insights into why there are still vast differences in prosperity between nations. The medicine prize recognized microRNAs that are proving to be fundamentally important for how organisms develop and function. In literature, Han Kang was awarded the Nobel Prize in literature. She is the first person from South Korea to receive this honour. And the Nobel Peace Prize was awarded to Nihon Hidankyo, the survivors of Hiroshima and Nagasaki.

We live in turbulent times. People are worried about their future. Major issues are being discussed on a global level, and the outcome is likely to affect all our lives.

The vision of Alfred Nobel, the inventor of the Nobel Prize, was to recognize remarkable achievements and those who have conferred “the greatest benefit to humankind.” For almost 125 years, the Nobel Prize has highlighted the importance of science, the humanities, and peaceful solutions. Today, we need that more than ever.

For many Nobel Prize laureates, the search for more knowledge about life is a question that keeps them up at night and drives their research forward. It's a topic a lot of their work touches on across literature, science and peace.

The question of what life is has eluded humans over the centuries and many milestones helping us to know more have been awarded the Nobel Prize. I look forward to learning more about how science and technology, combined with a better understanding of the world around us, might change our lives in the future.

Many of you that are here today are students and we appreciate to have you as our audience. Nobel Prize laureates again and again emphasize the importance of students, since the future lays in your hands. And we hope that you will be inspired to choose a career path in science or the humanities that may lead to very concrete, groundbreaking findings that can improve our lives in the future.

I would like to thank JSPS for the good cooperation – and president Sugino Tsuyoshi as well as the event team working behind the scenes. I would also like to thank the MEXT Minister Abe Toshiko.

Nobel Prize Dialogue Tokyo 2025 is organized by Nobel Prize Outreach and JSPS, with the support of Nobel International Partners ABB, EQT, Scania and Stegra. And a special thanks to the Embassy of Sweden in Tokyo.

\*These opening remarks were delivered by Mrs. Stjärne on 9 March 2025.

## Opening

### 10:00 Welcome remarks

Japan Society for the Promotion of Science  
The Nobel Foundation  
Ministry of Education, Culture, Sports, Science and Technology

## The future

### The challenge of prediction

KAWAI Maki, William D. Phillips, Ada Yonath  
Moderator: Adam Smith

## The essence of humanity

### How did we get here?

Svante Pääbo

### What does it mean to be human?

ISHIGURO Hiroshi, Richard Roberts, YAMAGIWA Juichi  
Moderator: Juleen Zierath

## Challenges

### Advancing diversity and inclusion

ASAKAWA Chieko  
Interviewer: Adam Smith

### Challenges ahead

EMA Arisa, Bernard Feringa, Andrew Fire, FURUSAWA Akira  
Moderator: Juleen Zierath

### Sustainable future

YOSHINO Akira

### 12:15-13:30 Lunch Break

## Technology breakout

13:30	Breakout session 1	Breakout session 2
	<b>The impact of AI</b> EMA Arisa, Geoffrey Hinton (online)*, MATSUO Yutaka, Ada Yonath Moderator: Adam Smith * Recorded comments from Geoffrey Hinton	<b>Where can genomics take us?</b> Joseph Ecker, Andrew Fire, Richard Roberts, TAKEYAMA Haruko Moderator: Juleen Zierath
	<b>The promise of quantum technology</b> FURUSAWA Akira, HATANO Mutsuko, William D. Phillips Moderator: Adam Smith	<b>Finding sustainable solutions</b> ARIMURA Toshi H, Bernard Feringa, KAWAI Maki, Eva Olsson Moderator: Juleen Zierath

### 14:50-15:15 Coffee Break

## Where are we going?

### The future we want

Joseph Ecker, MANAGI Shunsuke, Eva Olsson, Richard Roberts  
Moderator: Adam Smith

## Nobel Prize laureates' closing thoughts

### Reflections on creativity

Bernard Feringa, Andrew Fire, William D. Phillips,  
Richard Roberts, Ada Yonath  
Moderator: Adam Smith



### 「 The challenge of prediction 」

KAWAI Maki, William D. Phillips, Ada Yonath  
Moderator: Adam Smith



### 「 How did we get here? 」

Svante Pääbo



### 「 What does it mean to be human? 」

ISHIGURO Hiroshi, Richard Roberts,  
YAMAGIWA Juichi  
Moderator: Juleen Zierath



### 「 Advancing diversity and inclusion 」

ASAKAWA Chieko  
Interviewer: Adam Smith



### 「 Challenges ahead 」

EMA Arisa, Bernard Feringa, Andrew Fire,  
FURUSAWA Akira  
Moderator: Juleen Zierath



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### 「 Sustainable future 」

YOSHINO Akira



### Breakout session 1

#### 「 The impact of AI 」

EMA Arisa, Geoffrey Hinton (online)\*,  
MATSUO Yutaka, Ada Yonath  
Moderator: Adam Smith



\* Recorded comments from Geoffrey Hinton.

### Breakout session 2

#### 「 Where can genomics take us? 」

Joseph Ecker, Andrew Fire,  
Richard Roberts, TAKEYAMA Haruko  
Moderator: Juleen Zierath



### Breakout session 1

#### 「 The promise of quantum technology 」

FURUSAWA Akira, HATANO Mutsuko,  
William D. Phillips  
Moderator: Adam Smith



### Breakout session 2

#### 「 Finding sustainable solutions 」

ARIMURA Toshi H, Bernard Feringa,  
KAWAI Maki, Eva Olsson  
Moderator: Juleen Zierath



#### 「 The future we want 」

Joseph Ecker, MANAGI Shunsuke, Eva Olsson,  
Richard Roberts  
Moderator: Adam Smith



### 「Reflections on creativity」

Bernard Feringa, Andrew Fire, William D. Phillips,  
Richard Roberts, Ada Yonath  
Moderator: Adam Smith



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### Reception

Graced with the presence of Her Imperial Highness Princess Takamado

After the event, JSPS held a reception for the participants in the Nobel Prize Dialogue in the presence of Her Imperial Highness Princess Takamado. She enjoyed talking with the guests including the Nobel Laureates and young scientists.





**ARIMURA  
TOSHI H.**

Professor, Faculty of Political Science and Economics  
Director, Research Institute for Environmental Economics and Management, Waseda University

Ph.D. in Economics from the University of Minnesota. Arimura was a professor at Sophia University and a visiting scholar at George Mason University and Sciences Po. He served as the Society of Environmental Economics and Policy Studies president and received many academic awards.



**ASAKAWA  
CHIEKO**

IBM Research, IBM Fellow  
The National Museum of Emerging Science and Innovation (Miraikan), chief executive director

Asakawa joined IBM Japan in 1985. She was appointed an IBM Fellow in 2009. Since 2014, she serves as a visiting professor at CMU. In 2018, she moved to IBM US. She concurrently serves as chief executive director of Miraikan.

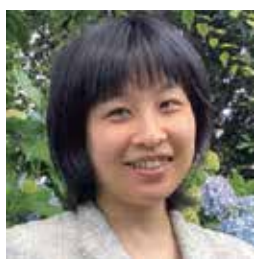


Photo : Christopher Keeney

**JOSEPH  
ECKER**

Professor and International Council Chair In Genetics, The Salk Institute for Biological Studies  
Investigator, Howard Hughes Medical Institute

Ecker received his Ph.D. in Microbiology from Pennsylvania State University, completed a postdoctoral at Stanford University, and became a professor at the University of Pennsylvania. In 2000, he joined the Salk Institute as professor, and has been a Howard Hughes Medical Institute Investigator since 2011.



**EMA  
ARISA**

Associate professor, Tokyo College, The University of Tokyo  
Visiting researcher, RIKEN AIP Center

Ema has earned a Ph.D. from the University of Tokyo, researching the relationship between AI, robotics, and society. She also participates in the UN's advisory body on AI and the OECD's expert group.



**BERNARD  
FERINGA**

Nobel Prize laureate in Chemistry 2016

Professor of Molecular Sciences, University of Groningen. Feringa's research interests include organic chemistry, nanotechnology and asymmetric catalysis. He received the Nobel Prize for his work on molecular machines.



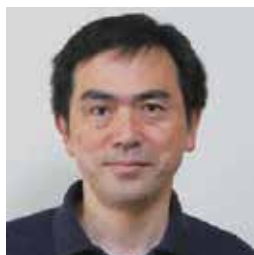
**ANDREW  
FIRE**

Nobel Prize laureate in Physiology or Medicine 2006

Professor of Pathology and Genetics, Stanford University School of Medicine. Fire, a Santa Clara County native, trained at UC Berkeley, MIT, and Cambridge. He served at Carnegie Institution (1986–2003) and Johns Hopkins. In 2003, he joined Stanford's faculty in Pathology and Genetics at the School of Medicine.

## Panellists

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**FURUSAWA  
AKIRA**

Professor, Department of Applied Physics, School of Engineering, The University of Tokyo  
Deputy director, RIKEN Center for quantum computing

Furusawa is professor of Applied Physics, School of Engineering, The University of Tokyo and deputy director of RIKEN Center for Quantum Computing. He succeeded in unconditional quantum teleportation at Caltech with Jeff Kimble in 1998.



**HATANO  
MUTSUKO**

Executive vice president, Institute of Science Tokyo  
Professor, School of Engineering, Institute of Science Tokyo

Hatano's research field is diamond quantum sensors and power electronics. She was a chief researcher at Hitachi Ltd. and joined Tokyo Tech in 2010. She is an executive member of Council for Science, Technology and Innovation under the prime minister.



Photo: Johnny Gaudio, Uni. of Toronto

**GEOFFREY  
HINTON**

\* Unable to attend in person

Nobel Prize laureate in Physics 2024

University of Toronto, Vector Institute.

Hinton, AI pioneer and 2024 Nobel Prize laureate in Physics, earned his BA in Experimental Psychology (Cambridge, 1970) and PhD in AI (Edinburgh, 1978). A former Carnegie Mellon professor, he is chief scientific advisor at Toronto's Vector Institute.



**ISHIGURO  
HIROSHI**

Professor, Department of Systems Innovation, Graduate School of Engineering Science, Osaka University  
Visiting director of ATR Hiroshi Ishiguro Laboratories

Project manager of MOONSHOT R&D Project, thematic project producer of EXPO 2025 Osaka, Kansai, Japan, and CEO of AVITA, Inc. His research interests include interactive robotics, avatars, and android science. He has received the Osaka Cultural Award, the Sheikh Mohammed Bin Rashid Al Maktoum Knowledge Award, and others.



**KAWAI  
MAKI**

President, National Institutes of Natural Sciences, Japan  
Director-General, Center for Research and Development Strategy (CRDS), Japan Science and Technology Agency (JST)

Kawai obtained a Ph.D. degree in chemistry from the University of Tokyo and a member of Japan Academy.



**MANAGI  
SHUNSUKE**

Distinguished professor & director of Urban Institute at the Kyushu University  
Managing director of Yunus & Shiiki Social Business Research Center

Managi is a director for UN Inclusive Wealth Report, proposing its index as a measure beyond GDP, and co-editor of "Encyclopedia of Energy, Natural Resource, and Environmental Economics".



**MATSUO  
YUTAKA**

Professor, The University of Tokyo, Graduate School of Engineering, Department of Technology Management for Innovation and The Research into Artifacts, Center for Engineering

Matsuo graduated from University of Tokyo and earned Ph.D. in Engineering in 2002. Served as a visiting researcher at Stanford University. Since 2019, a professor at University of Tokyo's Graduate School of Engineering. Specializes in AI, deep learning, and web mining.



Photo : Anna-Lena Lundqvist

**EVA  
OLSSON**

Professor, Department of Physics, Chalmers University of Technology, Gothenburg, Sweden

Olsson received her PhD from Chalmers. She was a postdoc at IBM Thomas J. Watson Research Center, Yorktown Heights (New York, USA), a faculty at Chalmers, a full professor at Uppsala University, Sweden, and is currently a full professor at Chalmers.



**WILLIAM  
D.  
PHILLIPS**

Nobel Prize laureate in Physics 1997

Physicist, National Institute of Standards and Technology, and distinguished professor of physics at the University of Maryland and College Park

Phillips is renowned for his groundbreaking work in laser cooling and trapping of atoms, advancing precision measurement, atomic fountain clocks, and quantum technologies at the National Institute of Standards and Technology.



Photo : Stefan Bladh

**SVANTE  
PÄÄBO**

Nobel Prize laureate in Physiology or Medicine 2022

Director, Max-Planck Institute for Evolutionary Anthropology, and adjunct professor, Okinawa Institute of Science and Technology, Japan. Pääbo grew up and did his PhD in Uppsala, Sweden. Pääbo was awarded the Nobel Prize for his work studying our ancient ancestors and how we as modern humans are related to them.



**RICHARD  
ROBERTS**

Nobel Prize laureate in Physiology or Medicine 1993

Roberts is the chief scientific officer at New England Biolabs, Ipswich, Massachusetts. He received the Nobel Prize in Physiology or Medicine for the discovery of split genes and mRNA splicing.



Photo : Alexander Mahmoud

**ADAM  
SMITH**

Chief scientific officer, Nobel Prize Outreach

Smith is chief scientific officer for Nobel Prize Outreach. His background is in scientific research and science publishing.

## Panellists

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Photo : Clément Morin

**HANNA  
STJÄRNE**

Executive director, the Nobel Foundation

Stjärne, executive director of the Nobel Foundation since 2025, is a prominent Swedish journalist and media executive. Over the past decade, she has been CEO of the Swedish Television, focusing on digitalisation, Swedish content, and modernising public service.



**SUGINO  
TSUYOSHI**

President, Japan Society for the Promotion of Science (JSPS)

Sugino is the president of the Japan Society for the Promotion of Science (JSPS). Sugino previously held key senior positions at the ministry of education, culture, sports, science and technology (MEXT), including director-general of the Research Promotion Bureau (2020-2021).



**TAKEYAMA  
HARUKO**

Professor, Faculty of Science and Engineering, Waseda University

Takeyama received her Ph.D. in Engineering in 1992, is a professor at Waseda University since 2007. She has served as PM for Moonshot goal 5, PO for JST-ASPIRE Bio, and as a member of the Science Council of Japan.



**YAMAGIWA  
JUICHI**

Director-General, Research Institute for Humanity and Nature (RIHN)  
Former president, Kyoto University

Yamagiwa is a researcher and expert in the study of primatology and human evolution. He served as president of Kyoto University, president of International Primatological Society and president of Science Council of Japan.



**ADA  
YONATH**

Nobel Prize laureate in Chemistry 2009

Weizmann Institute, Israel. Yonath is focusing on protein biosynthesis, on the antibiotics hampering this process and on origin of life. In the seventies she established the first structural-biology laboratory in Israel. In parallel, during 1986-2004 she headed Max Planck-Research Structure of Ribosomes in Hamburg, Germany.



**YOSHINO  
AKIRA**

Nobel Prize laureate in Chemistry 2019

Honorary Fellow, Asahi Kasei Corporation. After receiving his M.S. from Kyoto University in 1972, Yoshino joined Asahi Kasei Corporation, where he invented the lithium-ion battery in the 1980s and completed a practical prototype.



Photo : Yanan Li

**JULEEN  
ZIERATH**

Professor of clinical integrative physiology at Karolinska Institutet, Stockholm  
professor and executive director at the Novo Nordisk Foundation Center for Basic Metabolic Research at the University of Copenhagen

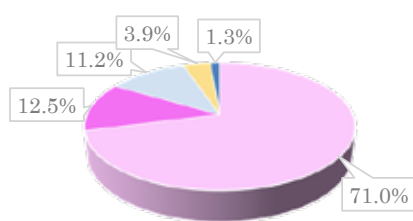
Zierath's research has provided evidence for the physiological regulation of insulin signaling pathways in skeletal muscle, revealing key steps that are impaired in diabetic patients.



As an international event, this year's Nobel Prize Dialogue Tokyo was attended by some 900 people hailing from countries/area around the world. Numerous other people also viewed the Dialogue via live streaming on the event's official website and over social media. For perusal at any time, all of the lectures and panel discussions are archived on the following webpage: [https://www.youtube.com/watch?v=2\\_lhR5\\_8O3k](https://www.youtube.com/watch?v=2_lhR5_8O3k)

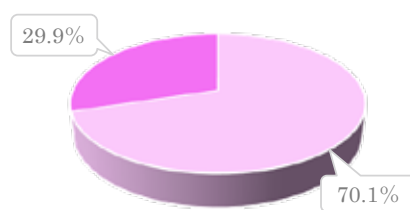
Regarding the participants at the venue, 70.1% of them were Japanese and 29.9% were from other countries / area. Nearly 58.8% of the general participants were students and university researchers/staffs, who were seen to take an active part in the Q&A discussions.

**Number of participants: 889**



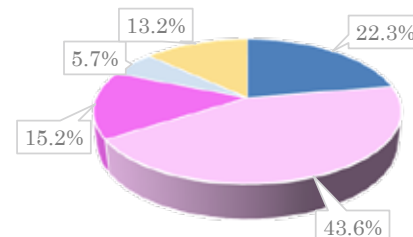
General Participants	631
Guests	111
HOPE Meeting	100
Panellists	35
Press	12

**Percentage of overseas participants**



Japan	623
Overseas	266

**Category of general participants**



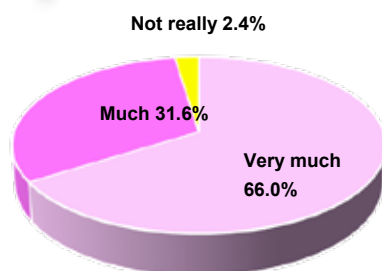
Private sector / industry	141
Students	275
Experts	96
Public sector	36
Others	83

**Number of participants per country/area**

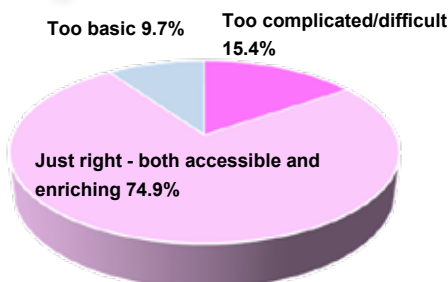
Argentina	2	Czechia	2	Kenya	3	Philippines	5	Thailand	7
Australia	1	Egypt	4	Korea	16	Poland	4	Turkey	4
Austria	1	France	8	Malaysia	7	Portugal	1	Ukraine	1
Bangladesh	9	Germany	9	Mongolia	2	Romania	1	UK	6
Benin	2	Hungary	1	Myanmar	3	Senegal	2	USA	9
Brazil	3	India	24	Namibia	1	Singapore	4	Uzbekistan	1
Cameroon	2	Indonesia	9	Nepal	2	South Africa	2	Vietnam	2
Canada	4	Iran	1	Netherlands	2	Sri Lanka	1		
China	48	Israel	9	New Zealand	2	Sweden	21		
Colombia	1	Italy	3	Norway	2	Switzerland	1		
Costa Rica	1	Japan	623	Pakistan	2	Taiwan	8		

## Survey Results and Comments

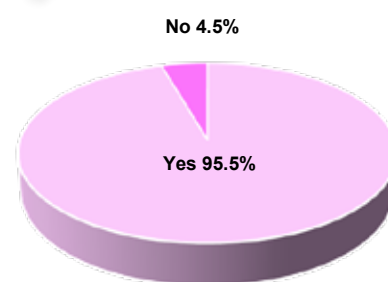
**Did you enjoy the Nobel Prize Dialogue Tokyo 2025?**



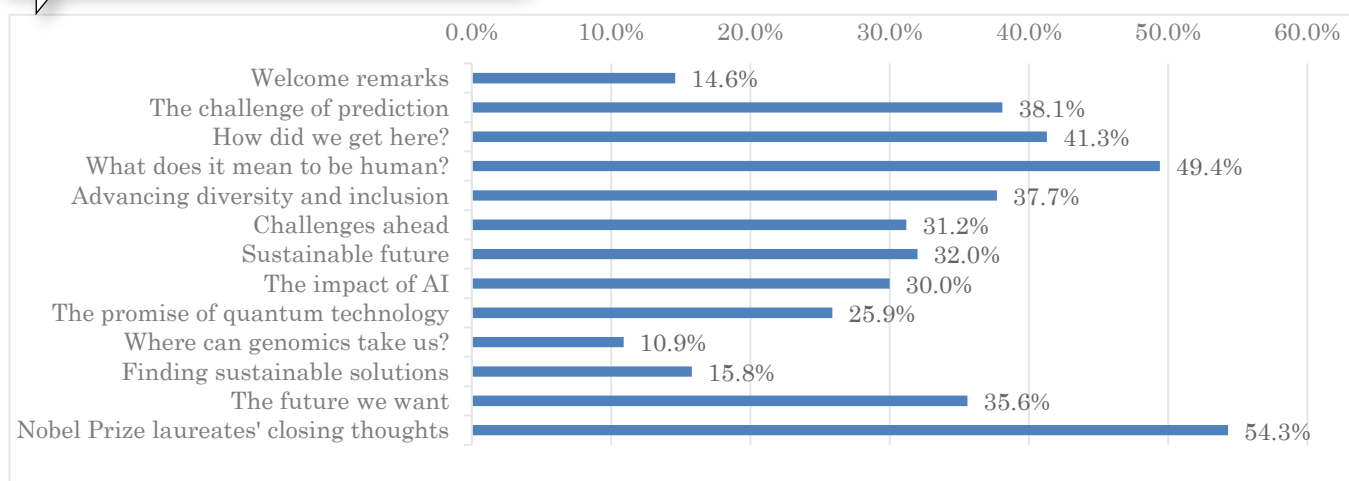
**How did you find the overall content of lectures and panel discussions?**



**Would you attend another Nobel Prize Dialogue Tokyo?**



**What was your favorite session of the day's programme? (multiple answers)**



**Comments and Suggestions regarding the day's programme**

- The symposium proved to be a valuable and enjoyable experience. I found the advice and messages shared by the Nobel laureates with the younger generation to be particularly inspiring. While I am not a researcher, I found the experience to be highly stimulating. It also reinforced my appreciation for the significance of basic research. Thank you very much.
- I found the symposium extremely valuable. We greatly appreciated the opportunity to hear insights from Nobel laureates and renowned researchers. I sincerely hope this project will continue to be offered free of charge, especially for the benefit of young people—the future leaders of our world.
- I appreciated that the audience was given the chance to ask questions.
- I was really impressed that the event included traditional Japanese performances by two groups, in addition to the academic content. I am sure visitors from overseas enjoyed it too.
- I'm a Yokohama local—not a researcher and not fluent in English. However, I thoroughly enjoyed the event and participated with great curiosity. The simultaneous translation system was incredibly helpful. Thank you for providing this opportunity. It was a lot of fun!

## Japan Society for the Promotion of Science

The Japan Society for the Promotion of Science (JSPS), or Gakushin for short, is an independent administrative institution, established by way of a national law for the purpose of contributing to the advancement of science in all fields of the natural and social sciences and the humanities. JSPS plays a pivotal role in the administration of a wide spectrum of Japan's scientific and academic programs. While working within the broad framework of government policies established to promote scientific advancement, JSPS carries out its programs in a manner flexible to the needs of the participating scientists.

JSPS was founded in 1932 as a non-profit foundation through an endowment granted by Emperor Showa. JSPS became a quasi-governmental organization in 1967 under the auspices of the Ministry of Education, Science, Sports and Culture (Monbusho), and since 2001 under the Ministry of Education, Culture, Sports, Science and Technology (Monbukagakusho). Over this 70-year period, JSPS has worked continuously to develop and implement a far-reaching array of domestic and international scientific programs. On October 1, 2003, JSPS entered a new phase with its conversion to an independent administrative institution, as which it will strive to optimize the effectiveness and efficiency of its management so as to improve the quality of the services it offers to individual researchers, universities, and research institutes.

**JSPS website** <https://www.jsps.go.jp/english/index.html>

## Nobel Prize Outreach

Nobel Prize Outreach spreads knowledge about Nobel Prize-awarded achievements and stimulates interest in science, literature and peace in line with Alfred Nobel's vision and legacy. The company reaches a global audience of millions through its high-quality productions: The official digital channels of the Nobel Prize, the Nobel Prize Concert, as well as a series of intercontinental, inspirational lecture events featuring Nobel Prize laureates.

**Please visit:** [www.nobelprize.org](http://www.nobelprize.org)

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**YouTube:** [www.youtube.com/nobelprize](http://www.youtube.com/nobelprize)

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## Nobel Prize Dialogue Tokyo 2025 Organizing Committee Members

### Chair

<b>MIZUMOTO Tetsuya</b>	Executive Director, Japan Society for the Promotion of Science
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### Member

<b>ASAKAWA Chieko</b>	IBM Research, IBM Fellow Chief Executive Director, The National Museum of Emerging Science and Innovation
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<b>SIOMI Mikiko</b>	Professor, Graduate School of Science, The University of Tokyo
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<b>TAKEUCHI Kazuhiko</b>	President, Institute for Global Environmental Strategies (IGES)
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<b>TAKEYAMA Haruko</b>	Professor, School of Advanced Science and Engineering, Department of Life Science and Medical Bioscience, Waseda University
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<b>TADENUMA Koichi</b>	Professor, Graduate School of Economics, Hitotsubashi University
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<b>HASEGAWA Mariko</b>	President, Japan Arts Council Professor Emeritus, The Graduate University for Advanced Studies, SOKENDAI
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<b>HATANO Mutsuko</b>	Professor, School of Engineering, Executive Vice President, Institute of Science Tokyo
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### Advisor

<b>WAKAMIYA Atsushi</b>	Professor, Institute for Chemical Research (ICR), Deputy Executive Vice-President for Evaluation and Research Promotion, Kyoto University
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\*Affiliation and Title are as of Nobel Prize Dialogue Tokyo 2025

## Nobel International Partners



ABB is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB's success is driven by about 110,000 talented employees in over 100 countries.



EQT is a purpose-driven investment organization focused on active ownership strategies. With a Nordic heritage and a global mindset, EQT has a track record of almost three decades of delivering consistent and attractive returns across multiple geographies, sectors and strategies. With its roots in the Wallenberg family's entrepreneurial mindset and philosophy of long-term ownership, EQT's investment strategies cover all phases of a business' development, from start-up to maturity.



More than 3,500 researchers are working in the very forefront when it comes to future key areas as alternative fuels, connectivity, automation and electrification. The aim is to maintain and continue to develop a broad competence, ensuring that Scania retains its leading position within the automotive industry.



Stegra is on a mission to accelerate the decarbonisation of heavy industries, starting with steel. By using green hydrogen instead of coal in the steel-making process, CO<sub>2</sub> emissions are reduced with up to 95% compared to traditional steelmaking. By 2030, Stegra will produce 5 million tonnes of green steel annually in a fully integrated, digitalized, and sustainable plant in Boden, northern Sweden. Stegra is building an impact company with sustainability at its core – for their people, customers, investors, and planet.

## Event Partners



Housing sale and rental, consignment sale of properties owned by other companies, new businesses (resort housing, overseas business, etc.)



Shimadzu Corporation has been conducting business based on its corporate philosophy, "Contributing to Society through Science and Technology," since its founding approximately 150 years ago. The company offers solutions for the advancement of human health, the safety and security of society, and industrial development, creating innovative products and services in collaboration with partners around the world to contribute to a more prosperous society.

Special Thanks to: Ministry of Education, Culture, Sports, Science and Technology (MEXT), Ministry of Foreign Affairs (MOFA), City of Yokohama, Embassy of Sweden in Tokyo  
Donation: SAKURAI Kota



## Promotional Activities

### Number of promotional activities of Nobel Prize Dialogue Tokyo 2025

Press release 4, JSPS Website 5, JSPS Monthly(email magazine) 11, JSPS SNS(Facebook4, • X 27,) JSPS Researchers Network 5 and LinkedIn 5, etc.

#### Press release

22 Oct, 2024 Official website for "Nobel Prize Dialogue Tokyo 2025" is opened.  
17 Dec, 2024 "Registration" started.  
4 Feb, 2025 "Press Registration" started.  
28 Feb, 2025 Princess Takamado's attendance at the dinner reception.

#### JSPS MONTHLY



#### “Donation for Nobel Prize Dialogue Tokyo 2025”

June 2024 - February 2025

#### “Upcoming Nobel Prize Dialogue Tokyo 2025”

November 2024 - March 2025

#### “Held Nobel Prize Dialogue Tokyo 2025”

April 2025

#### JSPS Researchers Network • LinkedIn



22 Oct, 2024 Upcoming Nobel Prize Dialogue Tokyo 2025  
5 Dec, 2024 Panelist Details and Programme Release  
17 Dec, 2024 "Registration" started.  
13 Feb, 2025 "Registration" close  
17 Mar, 2025 Held Nobel Prize Dialogue Tokyo 2025

#### Yokohama Yomiuri



5 Jan, 2025 Upcoming Nobel Prize Dialogue Tokyo 2025 and Registration started

#### JSPS Website

24 May, 2024 Application for sponsorship and Donation  
22 Oct, 2024 Official website for "Nobel Prize Dialogue Tokyo 2025" is opened.  
17 Dec, 2024 "Registration" started.  
13 Feb, 2025 "Registration" closed  
27 Mar, 2025 Held Nobel Prize Dialogue Tokyo 2025

#### JSPS Facebook

22 Oct, 2024 Upcoming Nobel Prize Dialogue Tokyo 2025  
19 Dec, 2024 "Registration" started  
13 Feb, 2025 "Registration" close  
17 Mar, 2025 Held Nobel Prize Dialogue Tokyo 2025

#### JSPS X

22 Oct, 2024 Official website for "Nobel Prize Dialogue Tokyo 2025" is opened.  
5 Dec, 2024 Panelist Details and Programme Release  
18 Dec, 2024 "Registration" started  
14 Jan–10 Feb, 2025 Introduction of Panelists(20 people)  
5 Feb, 2025 New Sponsors Announcement  
13 Feb, 2025 "Registration" close  
4 Mar, 2025 Introduction to Exhibition Booths  
19 Mar, 2025 Held Nobel Prize Dialogue Tokyo 2025

#### Station Advertisement

“Registration” started

- 2stations on the Minatomirai Line • 10 stations on the Tokyo Metro
- 11stations on the Toyoko Line



Minatomirai Line  
(Minatomirai station)



Tokyo Metro  
(Yotsuya station)



Toyoko Line  
(Kamata station)

**The BUNKYO SOKUHO - flash report**  
**(22 November, 2024)**

ノーベル・プライズ・ダイアログ東京'25  
来年3月開催 ノーベル受賞者ら横浜に集結

日本学術振興会は、ノーベル・プライズ・アウォーリーチAB（ノーベル財団広報部）との共催により、ノーベル賞受賞者らが市民と対話する公開シンポジウム「ノーベル・プライズ・ダイアログ東京2025」を、来年3月9日(日)に横浜市内のバシフィコ横浜会議センターで開催する。午前10時から午後4時の予定。

受賞者や著名研究者らが「The Future of Life 生命の未来」を先端技術とわたしたちのこれからのテーマに、私たちを取り巻く世界の様相への理解を深めた上で、科学技術が生命の未来をどのように変えていくかについて科学的・社会的側面から迫る。

参加は無料。12月18日(水)から、特設ウェ

2019年にノーベル化学賞を受賞した  
吉野彰博士をはじめ、国内外のノーベル賞  
ブサイト (<https://www.nobelprize.org/future-of-life-jp>)で参加受付予定。先着順。

ノーベル賞受賞者ら横浜に集結

来<sup>ノ</sup>年<sup>ー</sup>3<sup>ベル</sup>月<sup>・</sup>  
催<sup>プライズ</sup>  
ノ<sup>・</sup>ー<sup>ダイア</sup>  
ベル<sup>ログ</sup>  
・<sup>東京</sup>  
プライズ<sup>25</sup>  
・  
ダイア  
ログ

日本學術振興会は、ノーベル・プライズ・アウトリーチAB（ノーベル財団広報部門）との共催により、ノーベル賞受賞者らが市民と対話する公開シンポジウム「ノーベル・プライズ・ダイアログ東京2025」を、令和7年3月9日（日）に、横浜市内のレシフィコ横浜会議センターで開催する。午前10時から午後4時の予定。

2019年にノーベル化学賞を受賞した吉野彰先生をはじめ、国内外のノーベル賞受賞者や著名研究者等が「The Future of Life」生命の未来／先端技術とわたしたちのこれから」をテーマに、私たちを取り巻く世界の様相への理解を深めた上で、科学技術が生命の未来をどのように変えていくかについて科学的・社会的側面から迫る参加は無料。12月18日より、特設ウェブサイト <https://www.nobelprize.org/future-of-life-jp> で参加受付予定。先着順

受賞者や著名研究者等が「The Future of Life 生命の未来」先端技術とわたしたちのこれから」をテーマに、私たちを取り巻く世界の様相への理解を深めた上で、科学技術が生命の未来をどのように変えていくかについて科学的・社会的側面から迫る参加は無料。12月18日より、特設ウェブサイト (<https://www.nobelprize.org/future-of-life-ja>) で参加受付予定。先着順

**Bunkyo News(BUNKYO NEWS Co.,Ltd.)**

**24 March, 2025**

101 第2846号 (第三種郵便物認可) 文 教 ニ ュ ー ス 2025年(令和7年)3月24日(月曜日)

登壇したノーベル賞受賞者
<p>1993年ノーベル生理学・医学賞 リチャード・ロバーツ氏 (ニュースイングランド・ハイオラボ (マサチューセッツ州イプスウィッチ) 最高科学賞(任者))</p>
<p>1997年ノーベル物理学賞 ウィリアム・D・フィリップス氏 (米国標準技術研究所所長物理学者、 ハーランド大学 カレッジパーク校物理学特別教授)</p>
<p>2006年ノーベル生理学・医学賞 アンドリュース・ファイアー氏 (スタンフォード大学医学部病理学、遺伝学教授)</p>
<p>2009年ノーベル化学賞 アドナット氏 (ワイツマン科学研究所教授)</p>
<p>2019年ノーベル化学賞 吉野彰氏 (旭化成名誉客フェロー)</p>
<p>2022年ノーベル生理学・医学賞 スベン・ペーボ氏 (マックス・プランク進化人類学研究所所長、 沖縄科学技術大学院大学教授(アソシエイト))</p>
<p>※ 2024年ノーベル物理学賞のジェフリー・ヘントン氏(トロント大学メタセンター研究所主任(科学顧問))はオンラインで登壇予定だったが、事情により欠席した。</p>



あべ文科大臣      ハシナ氏      杉野理事長  
©Nobel Prize Outreach/Photo:Clément Morin



ディスカッションを行う（左から）モデレーターのスミス、フィリップス、ロバーツ氏  
 除く、次のURL（https://www.youtube.com/watch?v=...）から視聴可能

各国のノーベル賞受賞者を迎えて

日本学術  
振興会  
ノーベル・プライズ・ダイアログ東京  
2025 開催

ノーベル・プライズ・ダイアログは、国内冒頭、杉野南日本学術協会理事長、ハン

外のノーベル受賞者や著名研究者等が、社会にとって重要な問題や語彙をめぐり、参加費無料の公開シンポジウムで、広く一般に、科学技術の学問への理解を深めていくことを目的とする。日本での開催は今回。当日は、日本学術振興会特別研究員奨励金の採用人（同会の支援を受けて研究する若手研究者）約90人の内外のノーベル賞受賞者7名を含む、ダイ・シヤクテラによる財団挨拶、アベ後援文庫、科学大臣による来賓挨拶が行われた。

The Future of Life 生命の未来。先端技術とわたしたちのこれから」をテーマにした国内外のノーベル賞受賞者7名を含む22名の国内外の著名者が登壇した。未来への予想にわ

杉野理事長  
ch/Photo:Clément Mori

モリタ上で、科学技術が生命の未来をどのように変えていくのかについて科学的・社会的側面から迫る活発な議論が行われ、ファシリテーターを務めるハンナ氏（左）からスピーチを行う。来日したノーベル賞受賞者たちは、最後の総括セッションでは、

あべ文科大臣

ヨリ、名が登壇し、生命の未来にお  
カシリン。わたしたちのこれか  
スフェルについて終極的な議論を  
を行った。当日の映像は一部を  
ネット、除き次のURL (https://  
www.youtube.com/nobe  
prize) から視聴可能

— 8 —      令和7年 3月24日 (月曜日)      文      教      選



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LIFESTYLE
FITNESS

CULTURE > INTERVIEW

# ノーベル賞とジェンダー平等 選考委員エヴァ・オルソン博士に選出プロセスについて訊く

ノーベル賞は男性ばかり…。124年の歴史でマリー・キュリー含めたたった5人しか女性受賞者がいないという完全「男社会」の物理学部門選考委員にクォータについて直接訊ねた。

By [Keiichi Koyama](#) 公開日 2025/02/18

## ノーベル・プライズ・ダイアログ東京2025 2025年3月9日(日)@パシフィコ横浜

ノーベル賞受賞者や著名科学者が一般メディアと直接対話し、先端研究や社会課題について意見交換するための対話型プラットフォーム、「ノーベル・プライズ・ダイアログ」が東京で開催される。

[特設サイト](#)

Courtesy of Embassy of Sweden

YOKOHAMA 横浜国立大学

日本語 | English | 日本語

イベント情報 | 申込方法 | 会場 | 問い合わせ | 関連情報 | 寄付 | 講演者名簿

バシフィコ横浜「ノーベル・プライズ・ダイアログ」The Future of Life 生命の未来 ～ 先端技術とわたしたちのこれから～

THE FUTURE OF LIFE

Nobel Prize Dialogue Tokyo 2025

Sponsored by Yamanashi Prefecture / Yamanashi Prefecture Conference Center

The Future Begins with Dialogue — Nobel Prize Dialogue Tokyo 2025



Asahi Shougakusei Shimbun  
Asahi Chuukousei Shimbun  
(Web and Newspaper)  
Web 24 April, 2025



Asahi Shougakusei Shimbun  
Asahi Chuukousei Shimbun  
(Web and Newspaper)  
Newspaper article 24 April, 2025



Science Portal  
“Registration” started.  
11 December, 2024



Science Portal  
Held Nobel Prize Dialogue Tokyo 2025  
23 April, 2025

レポート  
ノーベル賞受賞者が語る生命の未来～先端技術 「ノーベル・プライズ・ダイアログ東京2025」開催  
2025.04.23  
清山展代 / サイエンスータル編集部

ノーベル賞歴代受賞者が集い、自身の研究の講演や、これからの科学について議論を交わすイベント「ノーベル・プライズ・ダイアログ東京2025」が3月9日、横浜市内で開催された。今回の副題は「生命の未来～先端技術とわたしたちのこれから～」。人間らしさと科学のかかわり、遺伝子に関する技術の進歩、コンピュータや生成AI（人工知能）など多岐に渡るテーマについて研究者たちが話し合った。（カッコ内はノーベル賞受賞年と分野）



ノーベル・プライズ・ダイアログ東京2025では、ノーベル賞受賞者らがAIとヒトとの違いなどについて討論した（2025年3月、横浜市のパシフィコ横浜）

Poster(A2)



Flyer(A4)



Official website



JSPS website (JPN/ENG)



Programme 130x210mm (JPN/ENG) 20 pages



Roll ups





The Nobel Prize Dialogue Tokyo is an implementation in Japan of the "Nobel Week Dialogue," a symposium for the general public that Nobel Media AB (then) has held in Sweden every year since 2012 on the day before the Nobel Prize award ceremony. The Nobel Foundation sounded us out about the possibility of holding the event in Japan, and as a result of discussions with the Foundation and related organizations, the event was realized for the first time outside of Sweden in 2015, co-hosted by the Japan Society for the Promotion of Science (JSPS) and Nobel Media AB.

Following the success of the 2015 event, the sixth Nobel Prize Dialogue Tokyo was taken place in 2025 after being held in 2017, 2018, 2019 and 2022.

### Nobel Prize Dialogue Tokyo 2015 :



#### The Genetic Revolution and its Future Impact

Panellists discussed cutting-edge findings in the life sciences and their impact on society, including the application of genomic analysis to medicine and the potential uses and risks of genetically modified foods.

### Nobel Prize Dialogue Tokyo 2017 :



#### The Future of Intelligence

Prominent researchers in the field of artificial intelligence (AI) and industry leaders gathered to discuss the impact of AI technology development on science, industry, medicine, logistics, and other aspects of business and society.

### Nobel Prize Dialogue Tokyo 2018 :



#### The Future of Food

With the threat of food shortages due to population growth, taking into account the historical and cultural background of each region, panellists discussed cutting-edge research initiatives for sustainable food development, and explored the implications for society in the future.

### Nobel Prize Dialogue Tokyo 2019 :



#### The Age to Come

The event kicked off with the Introductory Talk on talk on "Why Population Ageing Matters" and featured current research on ageing prevention, how we should live in a longevity society, and the latest technology for the elderly, about which the participants shared ideas.

### Nobel Prize Dialogue Tokyo 2022 :



#### **Water Matters**

Conversations were held on how to maximize creativity to approach the mission of being wise stewards of our planet's water for the sake of generations to come.

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