

Free Admission

NISTEP

Public Online Symposium

Reconsidering Research Capability

Foundation for Maturing
Research Capability and
Cultivating Pathways of
Co-Creation



With technologies like AI, genome editing, and quantum computing advancing at an unprecedented pace, they are reshaping society profoundly. Yet, challenges such as climate change, health crises, and inequality are also on the rise, making the role of science and technology more crucial than ever for a sustainable future.

In Japan, research output—particularly in terms of publications—has shown signs of stagnation since the early 2000s, sparking widespread debate about the country's research capability. While efforts are underway to address this, the true challenge lies not only in advancing technology or meeting numerical goals but in cultivating the "foundation" that matures long-term research capability.

The "foundation for maturing research capability" is a robust platform where diverse actors such as researchers, university administrators, funding agency experts, and policymakers can confidently take on challenges and generate new intellectual values. In cultivating this foundation, it is essential to foster a culture of "co-creation," where these diverse actors collaborate and support each other.

Through such collective efforts, sustainable solutions to societal challenges can be developed, maturing Japan's research capability over the next 20 years. While we cannot fully foresee the future, it is already being shaped by the conversations and cooperation occurring now. This symposium will bring together diverse actors in dialogue to clarify pathways for building a foundation where future generations can confidently and autonomously engage in their respective roles.

Date

2024.12.20 FRI

Time ▶ 10:00-15:15 Format ▶ Online Viewing

Language ▶ Japanese (Multilingual Translation Tool Available during the Online Symposium)

PROGRAM

10:00-10:05 **Opening Remarks**

CHIHARA Yoshiyuki Director General, National Institute of Science and Technology Policy (NISTEP), MEXT

Part 1 Current Status of Research Activities in Japan

10:05-10:35

IGAMI Masatsura Director, Center for Science and Technology Foresight and Indicators, NISTEP, MEXT

Part 2 My Research Philosophy and Messages for Japan's Future

10:45-12:00

YAMASHITA Yukiko Professor, Department of Biology/Whitehead Institute, MIT

OISHI Kenichi Professor, Department of Radiology, Johns Hopkins University School of Medicine

Part 3 Panel Discussion
– Cultivating the "Foundation" for Research Capacity

13:00-15:00

Panelists

SUGIYAMA Masashi Director, Center for Advanced Intelligence Project, RIKEN/Professor, The University of Tokyo

TAMAKI Emi CEO, H2L, Inc./Professor, The University of the Ryukyus/Professor, The University of Tokyo

ASANO Takeo Executive Director, AMED

FUJIWARA Shiho Director, Research and Development Strategy Division, MEXT

CHIHARA Yoshiyuki Director General, NISTEP, MEXT

15:05-15:15 **Closing Remarks**

TOYODA Nagayasu President, Suzuka University of Medical Science, Committee Chair of the NISTEP TEITEN Survey

Moderator

IGAMI Masatsura Director, Center for Science and Technology Foresight and Indicators, NISTEP, MEXT

Master of Ceremonies

SAKAI Tomoko Senior Research Fellow, Center for Science and Technology Foresight and Indicators, NISTEP, MEXT

Click Here to Register
in Advance



Organizer



National Institute of
Science and Technology Policy

Inquiries

NISTEP Public Online Symposium Secretaria
kiban_seminar@nistep.go.jp