

## "Energy and Healthcare, Toward the Creation of New Industries"

InfoSyEnergy Research / Education Consortium and Academy of Energy and Informatics, Science Tokyo, are continuing working on increasingly diverse and complex energy-related challenges—such as carbon neutrality and energy security—through approaches based on multi-faceted energy science and energy big data analytics. By promoting industry-academia collaborative research and joint projects with overseas universities in close integration with graduate education, we aim to generate synergistic effects between research and human resource development. Our goal is to foster fusion research that leads to the establishment of startups and the creation of new business ventures within companies, while cultivating globally competitive, highly skilled professionals to drive these initiatives. At our annual Open Symposium, we highlight timely topics in the fields of energy and informatics and disseminate information to the World.

On October 1, 2024, Tokyo Institute of Technology and Tokyo Medical and Dental University merged to form Institute of Science Tokyo. Furthermore, in December of last year, Science Tokyo was selected as a candidate for designation as an University for International Research Excellence, and procedures toward official certification are currently underway. Guided by the vision of "better, brighter Future," we have launched a new research framework called "Visionary Initiatives (VI)," which promotes interdisciplinary collaboration across all faculties to realize "better life", "better society", and "better planet".

For this Symposium, we are honored to welcome Professor Emeritus Yoshinao Mishima, former President of Tokyo Institute of Technology and former President of the Japan Agency for Medical Research and Development (AMED), who will deliver a keynote lecture from the perspective of collaboration between engineering and healthcare. Following the keynote, a panel discussion will explore what is required to create new industries in the fields of energy, healthcare, and their convergence. This Symposium will be held in a hybrid format. We sincerely look forward to your participation.

Fri., Jan. 16, 2026

Science Tokyo

Ookayama Campus

Kuramae Hall

Free of Charge

Pre-registration required

On-site & Online Hybrid

### Program

\*Please note that changes may occur without notice.

13:30 ~ 13:35	<b>Opening Address</b> <b>Naoto OHTAKE</b>	President and Chief Executive Officer, Institute of Science Tokyo
13:35 ~ 13:45	<b>InfoSyEnergy Research and Education Consortium activity report</b> <b>Prof. Manabu IHARA</b>	Head, InfoSyEnergy Research and Education Consortium Director, Academy of Energy and Informatics School of Materials and Chemical Technology, Science Tokyo
13:45 ~ 13:50	<b>Purpose of the Symposium</b> <b>Prof. Yoshisato KIMURA</b>	Symposium Chair, School of Materials and Chemical Technology, Science Tokyo
13:50 ~ 14:40	<b>Keynote Speech</b> <b>Prof. Yoshinao MISHIMA</b>	Professor Emeritus, Science Tokyo Former President, Tokyo Institute of Technology Former President, Japan Agency for Medical Research and Development [AMED]
	<b>"Human Resource Development through Essential Global Experiences for Achieving Effective Medical-Engineering Collaboration"</b>	
14:40 ~ 15:00	<b>Lecture</b> <b>Prof. Mika GOTO</b>	PD of Science Tokyo GXI Vice Director, Academy of Energy and Informatics Vice Rep., InfoSyEnergy Research and Education Consortium School of Environment and Society, Science Tokyo
	<b>"The Six Visionary Initiatives (Vis) and the "GX frontier"</b>	
15:00 ~ 15:30	<b>Lecture</b> <b>Prof. Tetsuo SASANO</b>	Director of the Institute of Biomedical Engineering Department of Cardiovascular Medicine Graduate School of Medical and Dental Sciences, Science Tokyo
	<b>"Decoding the Heart through Medicine-Engineering Collaboration"</b>	
15:30 ~ 16:00	<b>Lecture</b> <b>Prof. Masaaki KITANO</b>	Institute of Integrated Research [IIR] MDX Research Center for Element Strategy [MDXES], Science Tokyo
	<b>"Development of Innovative Solid Catalysts for Green Ammonia Synthesis"</b>	
16:00 ~ 16:20	<b>Break</b>	
16:20 ~ 17:20	<b>Panel Discussion</b> <b>"Creating New Industries in Energy and Healthcare: What is Required?"</b>	
	Panelists : <b>Prof. Yoshinao MISHIMA</b> <b>Prof. Masaaki KITANO</b> <b>Prof. Mika GOTO</b> <b>Hiroshi HAMASAKI</b> Visiting Prof., Academy of Energy and Informatics, Science Tokyo	
	Moderator : <b>Prof. Manabu IHARA</b>	
17:20 ~ 17:25	<b>Closing Address</b> <b>Prof. Manabu IHARA</b>	
17:40 ~ 19:30	<b>Networking Event</b>	Venue: Royal Blue Hall, Tokyo Tech Front *Fee will be charged for the networking event. (¥1,000/person)

### English simultaneous interpretation

is available only via Zoom.

If you need it at the venue,  
please bring your device, connect to Zoom,  
and listen with earphones.

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