

# 大学院教育改革フォーラム2025

Forum for Graduate School Educational Reform 2025

Contemporary society faces growing complexity and urgent challenges. In these times, the key to shaping the future lies in the power of knowledge. Doctoral education cultivates not only deep expertise and creativity, but also transferable skills that enable impact across disciplines and sectors. With these capabilities, doctoral talent can become a driving force for social transformation.

Through keynote speeches, panel discussions on diverse career paths, and interdisciplinary presentations by graduate students, this forum provides a platform to reflect on how doctoral study connects to society and contributes to its future.

When the potential of doctoral talent is realized, it opens new horizons for society.

We hope this forum will help reconnect doctoral education with societal needs and pave the way for a better future through knowledge.

## Unlocking the Potential of Doctorates, Shaping the Future of Society

TKP Tokyo Bay Makuhari Hall

December 12 FRIDAY

13 SATURDAY

Official website



Some sessions on Day 1 will be available online.

## Greeting



**Hiroaki Ozawa**

Executive Vice President  
for Education and International Affairs

—  
Director of the Forum  
for Graduate School Educational Reform 2025

We would like to express our sincere gratitude for the opportunity to host the Forum for Graduate Educational Reform 2025 here in Chiba.

Through this forum, we hope to offer doctoral students two meaningful encounters.

The first is an encounter with the world beyond academia.

This forum will highlight the diverse careers of doctorate holders working not only in academic research, but also in industries, government agencies, and startups. We hope that exposure to these real-world examples will inspire current doctoral students to broaden their perspectives and begin envisioning their own careers in their own words. The forum's theme, "Unlocking the Potential of Doctorates, Shaping the Future of Society," reflects this aspiration.

The second is an encounter with students from different disciplines.

Through interdisciplinary student sessions, the forum will provide an opportunity to apply doctoral learning to real-world social challenges. By bringing together diverse expertise, engaging in team-based discussions, and presenting their proposed solutions, participants will gain a valuable experience that goes beyond the boundaries of their individual fields—a unique and enriching part of their doctoral journey.

It is our earnest wish that this forum will inspire rich discussions and new perspectives on the value of doctoral learning and its role in shaping a better future.

## Program

### Day 1 Friday, December 12 | 13:30~18:00

Reception 18:15~19:30

Time	Programs
12:30	Registration & Doors Open
13:30 - 13:50 ZOOM ▶▶ EN / JP	Opening Remarks Koutaro Yokote President, Chiba University Ministry of Education, Culture, Sports, Science and Technology Japan Society for the Promotion of Science
	Short Break 15 min
13:50 - 14:20 ZOOM ▶▶ EN / JP	▶ <b>Keynote Speech</b> Yoshinori Hirai Representative Director, President and CEO, AGC Inc.
	Short Break 15 min
14:35 - 16:05 ZOOM ▶▶ EN / JP	▶ <b>Case Presentations &amp; Panel Discussion</b> Following individual talks by professionals active across disciplines, a panel discussion will be held. Panelists: Yoshinori Hirai Representative Director, President and CEO, AGC Inc. Hideyoshi Fuji Representative Director, Iktos K.K. Tamir Blum CEO, Kisui Co. Ltd. Ayano Kagami Assistant Director, CIC Institute Ai Takamura Staff, SHISEIDO CO.,LTD. Value Creation Strategy Dept.
	Short Break 15 min
16:20 - 17:50	<b>Parallel Sessions</b> * The student presentations and the special session will run in parallel at different venues. ▶ <b>Student Presentations (First Round Selection)</b> Addressing Social Challenges through the Integration of Specialized Knowledge ▶ <b>Special Session</b> Promoting Graduate Education in the Humanities and Social Sciences: Exploring "Collaboration" as a Key Concept
	Short Break 25 min
18:15 - 19:30	▶ <b>Reception</b>

### Day 2 Saturday, December 13 | 9:45~12:40

Time	Programs
09:15	Doors Open
09:45 - 11:00 EN / JP	▶ <b>Student Presentations by selected groups (Final Round), and Voting</b>
11:00 - 12:00 EN / JP	▶ <b>Featured Guest Talk</b> Yoichi Ochiai Director of Research and Development Center for Digital Nature Associate Professor, University of Tsukuba
	Short Break 10 min
12:10 - 12:40 EN / JP	▶ <b>Student Awards Ceremony   Handover Ceremony   Closing Remarks</b>

## Speakers

### Keynote Speech Friday, December 12

#### ▶ Yoshinori Hirai

Representative Director, President and CEO AGC Inc.

Earned a Ph.D. in Engineering (The University of Tokyo).  
Joined Asahi Glass Co., Ltd. (currently AGC Inc.) in the same  
year and was assigned to the Research Center. In 2008, he  
became the Vice President of (then) Optrex, a subsidiary that  
manufactured liquid crystal panels, and in 2011, he became  
the General Manager of AGC's Business Development Division. After serving as CTO  
from 2016, he assumed his current position in January 2021. He teaches several times a  
year as a specially appointed professor at Kyoto University. When he was a student, he  
wanted to be a physicist.



### Featured Guest Talk Saturday, December 13

#### ▶ Yoichi Ochiai

Director of Research and Development Center for Digital Nature  
Associate Professor, University of Tsukuba

After studying Media Arts at the University of Tsukuba, he  
obtained a Ph.D. from the Interdisciplinary Information  
Studies program at the University of Tokyo. He currently  
serves as Director of the Digital Nature Development Research  
Center and Associate Professor at the Faculty of Library,  
Information and Media Science, University of Tsukuba, as well as CEO of Pixie Dust  
Technologies, Inc.



His expertise lies in applied physics and computer science, with multiple research  
papers accepted at prestigious international conferences such as SIGGRAPH.  
He was awarded the 2025 Minister of Education, Culture, Sports, Science and  
Technology (MEXT) Commendation for Science and Technology in the Public  
Understanding Promotion Category, and the 2023 MEXT Young Scientists' Award.  
He advocates for "Digital Nature," a concept of computational nature that envisions a  
new natural environment reconstructed through the fusion of computational and  
non-computational resources. His work contributes to the development of  
technologies aimed at realizing and implementing this concept in society.



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