

Commemorative Symposium for the 20th Anniversary of the Double Degree Program in Keio Science and Technology

– Looking Ahead to the Brain Circulation Ecosystem in 2040 –

November 5 and 6, 2025
Keio University, Tokyo, Japan



FOREWORD

Toshiyuki Murakami Dean, Faculty of Science and Technology

It is a great honor to welcome you to *the Commemorative Symposium for the 20th Anniversary of the Double Degree Program in Keio Science and Technology*. On behalf of the Faculty and Graduate School of Science and Technology at Keio University, I would like to extend my sincere appreciation to all participants for joining us for this milestone event. Since launching our first double degree program with the Ecole Centrale group in France in 2005, we have expanded to seventeen leading partner institutions across Europe. These collaborations have laid a strong foundation for advanced education and research, while fostering professionals with a global perspective, ready to contribute to society. This symposium is an opportunity to reflect on the past two decades and to envision the future of double and joint degree programs. Under the theme “Looking Ahead to the Brain Circulation Ecosystem in 2040,” we explore how higher education can continue to serve society, institutions, and students in an interconnected world. I hope this symposium will spark meaningful dialogue and inspire new directions in international education and research collaboration. Finally, I would like to extend heartfelt thanks to everyone who helped make this symposium possible.

PROGRAM

DAY 1: Wednesday, November 5th

10:00 Opening

- Toshiyuki Murakami, Dean, Faculty of Science and Technology, Keio University
- Kohei Itoh, President, Keio University
- Kuniaki Sato, Ministry of Education, Culture, Sports, Science and Technology

10:15 Keynote Speech 1

International Programs at Keio University Science and Technology:
In Retrospect and Beyond
Shinnosuke Obi, Keio University

11:00 Break

11:10 Keynote Speech 2

Significance of the French-Japanese International Collaborative Degree
Program (Joint Program)
Marie-Pierre Favre, Tohoku University

11:55 Lunch

13:30 Keynote Speech 3

Significance of International Joint Degree Programs — Trends and
Challenges in ASEAN
Romyen Kosaikanont, Mae Fah Luang University

14:15 Break

14:30 Panel Discussion: Globalization, Jointness, and Quality Assurance

Panelists

- Vincent Fremont, Ecole Centrale de Nantes
 - Mami Matsukawa, Doshisha University
 - Norihisa Miki, Keio University
- Moderator: Shinnosuke Obi, Keio University

16:00 Break

16:15 Workshops

Room 1: Cooperation with Industry and Brain Circulation Ecosystem
Room 2: Student Service and Mobility (日本語)

17:15 Wrap-Up of the Day

Kenjiro Takemura, Keio University

17:45 Networking Reception

DAY 2: Thursday, November 6th

10:00 Showcase by International Partners

- Double Degree in Engineering with Connection to Industry
Philippe Lours, IMT Mines Albi
- Joint Programmes at IST - an Insight
Ricardo Pinto, Instituto Superior Tecnico - University of Lisbon
- A Look Back at INSA Lyon DD in Japan, from Short Programs and Exchange Semesters to a Fully Integrated DD
Damien Fabregue, INSA Lyon
- Influence of Robotics on Global Education
Teresa Zielinska, Warsaw University of Technology

11:30 Lunch

13:15 Panel Discussion: Double Degree Program at Keio University

Science and Technology — Alumni and Students' Perspectives

Panelists (former DD students)

- Morgan Lefranc (EC Marseille — Keio)
- Hideki Amano (Keio — EC Nantes — Keio)
- Emiyu Ogawa (Keio — EC Lyon — Keio)

Moderator: Norihisa Miki, Keio University

14:45 Closing

Motohiro Tsuchiya, Vice President, Keio University

SPEAKERS (in order of appearance)



Toshiyuki Murakami, Dean, Faculty of Science and Technology, Keio University

Prof. Toshiyuki Murakami is a professor at the Department of System Design Engineering. He has served as Dean of Faculty of Science and Technology since 2021. He also served as Dean of Graduate School of Science and Technology between 2021 and 2022. His research centers on robotics and motion control. He is a Fellow of the IEEE.



Kohei Itoh, President, Keio University

Prof. Kohei Itoh has served as President of Keio University since 2021. Before, he served as Dean of Faculty and Graduate School of Science and Technology of Keio University between 2017 and 2019. He is one of 210 Council Members of the Science Council of Japan representing approximately 870,000 scholars in the country to propose and advise academic and scientific policies in Japan and has served on numerous executive boards including the Physical Society of Japan and the Japan Society of Applied Physics.



Kuniaki Sato, Director, International Affairs Division, Higher Education Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Mr. Kuniaki Sato has over twenty-five years of experience in higher education policy development. He led the development of a variety of internationalization initiatives in Japan, such as the Go Global Japan project, the Top Global University project, the Multicultural Campus Project Toward Social Impact, the Inter-University Exchange Project and the formulation of Joint Degree Guidelines. In addition, he dedicated himself to harmonizing processes in higher education, especially with other Asian countries, through various initiatives such as the CAMPUS Asia Project, the AIMS Program, and the UNESCO Tokyo Convention.



Shinnosuke Obi, Professor, Keio University

Prof. Shinnosuke Obi served as Vice President for International Collaboration (2019–2021) and Dean of the International Center (2017–2020) of Keio University. As chair of the International Affairs Committee of the Faculty and Graduate School of Science and Technology, he played a central role in launching international programs, including double degree initiatives with European universities.



Marie-Pierre Favre, Vice President, Tohoku University

Dr. Marie-Pierre Favre served as Vice President for International Relations at INSA Lyon for ten years, followed by five years as Senior Advisor and Vice-President delegate for International Development of the INSA Group - the largest group of publicly funded engineering graduate schools in France. She is currently Chief Global Officer and Vice President for Comprehensive Internationalization at Tohoku University.



Romyen Kosaikanont, Vice President, Mae Fah Luang University, Thailand

Asst. Prof. Dr. Romyen Kosaikanont is Vice President at Mae Fah Luang University and formerly served as Centre Director of SEAMEO RIHED. During her tenure, she advanced the internationalization of Southeast Asian higher education and led key initiatives such as SEA-HiEd SOM, AIMS mobility programs, and the RIHED-SHARE platform. Her work emphasized DEIB principles and regional harmonization. At MFU, she continues to promote global engagement, with the university recognized for its international diversity and regional academic partnerships.



Vincent Fremont, Professor, Director of International Relations, Ecole Centrale de Nantes, France

Prof. Vincent Fremont focuses on perception systems and scene understanding for autonomous mobile robotics with an emphasis on computer vision, deep learning and multi-sensor fusion for self-driving cars. He has coordinated the Erasmus Mundus Joint Masters, Japan-Europe Master on Advanced Robotics (JEMARO) program since 2019 and has served as Director of International Relations at Centrale Nantes since 2021.



Mami Matsukawa, Professor, Doshisha University

Prof. Mami Matsukawa serves as the university's coordinator for the T.I.M.E. Association and has been a member of its Advisory Committee from 2019 to 2025, notably as the sole non-European member since 2021. She actively promotes international student exchange in science and engineering and serves as Vice-Chair of the Symposium on the Fundamentals and Applications of Ultrasonic Electronics.



Norihisa Miki, Professor, Keio University

Prof. Norihisa Miki is professor and currently the Head of the Department of Mechanical Engineering. He served as Chair of International Affairs at the Faculty of Science and Technology from 2018 to 2025, leading strategic efforts to enhance student mobility and global academic collaboration.



Kenjiro Takemura, Professor, Keio University

Prof. Kenjiro Takemura is a professor at the Department of Mechanical Engineering. He is currently responsible for "Japan-Europe Complementary Learning Agreement-based Joint Master's Program (2024-2028)" supported by the MEXT Inter-University Exchange Project. He serves as Chair of International Affairs at the Faculty of Science and Technology since 2025.



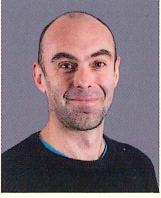
Philippe Lours, Professor, Director of International Affairs, IMT Mines Albi, France

As Director of International Affairs at IMT Mines Albi, Prof. Philippe Lours - expert in Materials Science for Aerospace - builds global academic partnerships and leads international programs in the field of engineering. Former head of research group PUMA at Institut Clement Ader, he founded the Master Aerospace Materials Design, Manufacturing & Innovation Management.



Ricardo Pinto, Joint Programme Coordinator, Instituto Superior Tecnico - University of Lisbon, Portugal

Mr. Ricardo Pinto coordinates international academic collaborations at International Mobility and Partnerships Office of Instituto Superior Tecnico (IST), University of Lisbon, focusing on joint degree programs like EIT InnoEnergy, Erasmus Mundus, and Katamaran.



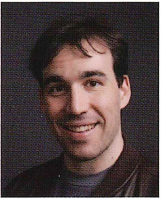
Damien Fabregue, Professor, Vice President, INSA Lyon, France

Prof. Damien Fabregue leads INSA Lyon's internationalization strategy, coordinating global partnerships, mobility programs, and joint research initiatives. The short programs have laid a vital foundation for students pursuing international academic pathways.



Teresa Zielinska, Professor, Rector's Proxy, Warsaw University of Technology, Poland

Prof. Teresa Zielinska promotes academic mobility through global research partnerships and initiatives such as Heritage Network, alongside her role as Professor of Power and Aeronautical Engineering. She is the local coordinator at WUT for the Japan-Europe Master on Advanced Robotics (JEMARO).



Morgan Lefranc, Alumni of the 2018 DDP (EC Marseille — Keio)

Mr. Morgan Lefranc is a Senior Engineer and Product Lead for the Behavior AI team at Woven by Toyota. He has over a decade of experience in image processing, computer vision, machine learning and full stack software development.



Hideki Amano, Alumni of the 2013 DDP (Keio — EC Nantes — Keio)

Dr. Hideki Amano's career began at Mitsubishi Heavy Industries, Ltd. After five years of experience as a ship-building engineer, he returned to academia and earned PhD at the University of Tokyo and is now an Assistant Professor of Biological Sciences at the University of Tokyo.



Emiyu Ogawa, Alumni of the 2012 DDP (Keio — EC Lyon — Keio)

Dr. Emiyu Ogawa is a former Faculty Member of Kitasato University. Since 2024, she has been working as an Associate Professor at Keio University, Department of Electronics and Electrical Engineering. She is the first faculty member at Keio University who completed the double degree program with Ecole Centrale Group.



Motohiro Tsuchiya, Vice-President, Keio University

Prof. Motohiro Tsuchiya has served as Vice-President for Global Engagement since 2021. Former Dean of the Keio University Faculty of Policy Management from 2019 to 2021. He has authored and co-authored over 40 books, including *The Very Long Game: 25 Case Studies on the Global State of Defense AI* (Springer 2024).

Related Commemorative Events

Thursday, November 6th

- 15:45** Ceremony to Confer the Degree of Doctor of Science, honoris causa upon Professor Fouad Bennis
- 17:30** Reception Celebrating the 20th Anniversary of the Double Degree Program and the Conferral of Doctorate Honoris Causa upon Professor Fouad Bennis

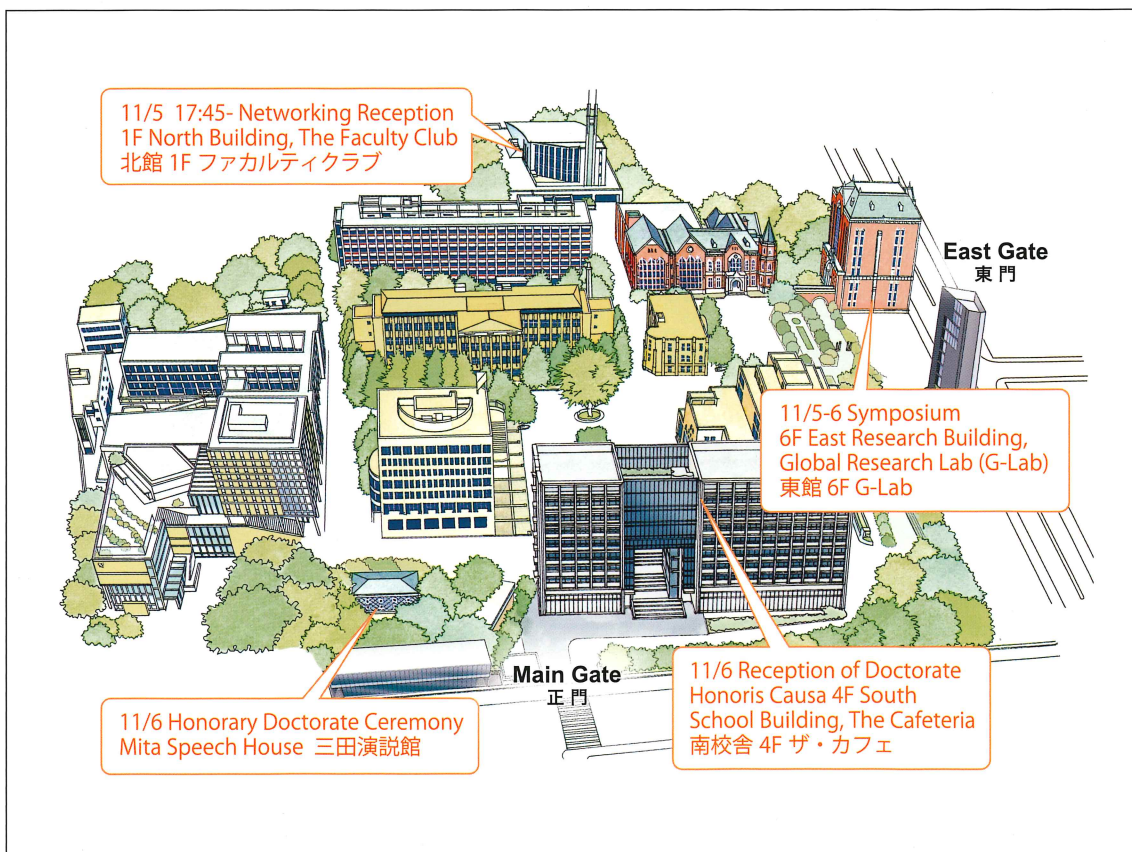
Fouad Bennis, Professor, Emeritus of Ecole Centrale de Nantes

Professor Fouad Bennis is Professor Emeritus of Ecole Centrale de Nantes, recognized for his pioneering work in robotics and multidisciplinary optimization. He has led major international collaborations, notably with Keio University, advancing double degree programs and academic exchange. A recipient of the Palmes Academiques (Commandeur), he has published extensively and mentored future leaders in academia and industry.



Friday, November 7th

Yagami Campus Tour and International Study Fair



This symposium is organized as a part of the Inter-University Exchange Project (AY 2024–28) by MEXT.

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