

# Waseda University Online Education Coping with COVID-19

## 早稲田大学でのCOVID-19対応オンライン教育



**Hironori Kasahara, Ph.D., IEEE Fellow, IPSJ Fellow**  
**Senior Executive Vice President, Waseda University**  
**IEEE Computer Society President 2018**

URL: <http://www.kasahara.cs.waseda.ac.jp/>



**1980 BS, 82 MS, 85 Ph.D.**, Dept. EE, Waseda Univ.

1985 Visiting Scholar: **U. of California, Berkeley**, 1986 Assistant Prof, 1988 Associate Prof, Waseda

1989-90 Research Scholar: **U. of Illinois, Urbana-Champaign, Center for Supercomputing R&D**,

**1997 Prof.**, 2004 Director, Advanced Multicore Research Institute, Waseda

2017member: **the Engineering Academy of Japan** (2020 Board, **Science Council of Japan**

**2018 IEEE Computer Society President, Senior Vice President for Research & IT, Waseda Univ.**

**<Committees in Societies and Government: 263>**

**IEEE Computer Society**: President 2018, Executive Committee(2017-2019), BoG(2009-14),

**Strategic Planning Committee Chair 2018, Multicore STC Chair (2012-), Japan Chair(2005-07),**

**IPSJ Chair**: HG for Magazine. & J. Edit, Sig. on ARC.

**【METI/NEDO】 Project Leaders: Multicore** for Consumer Electronics, Advanced **Parallelizing Compiler**, Chair: Computer Strategy Committee

**【Cabinet Office】 CSTP Supercomputer Strategic ICT PT, Japan Prize Selection Committees**, etc.

**【MEXT】 Info. Sci. & Tech. Committee**, Supercomputers (**Earth Simulator**, HPCI Promo., Next Gen. Supercomputer **K**) Committees, JST Moonshot Project G3 Robot & AI Vice Chair,

**【COCN】 Board Member in Council of Competitiveness Nippon**, etc.

**<Research Accomplishment>**

Reviewed Papers: 221, Invited Talks: 190,  
Granted Patents: 54 (Japan, US, GB, China),  
Articles in News Papers, Web News, TV etc.: 625

**<AWARD>**

1987 IFAC World Congress Young Author Prize

1997 IPSJ Sakai Special Research Award,

2005 STARC Academia-Industry Research Award,

2008 LSI of the Year Second Prize,

2008 Intel Asia Academic Forum Best Research Award,

2010 IEEE CS Golden Core Member Award

2014 Minister of Edu., Sci. & Tech. Research Prize

2015 IPSJ Fellow, 2017 IEEE Fellow, Eta Kappa Nu

2019 Sprit of IEEE Computer Society Award,

2020 IPSJ Contribution Award

# 早稲田大学

## WASEDA University



《 1974 》

Archaeological excavation of the Maikats site

In 1966, an archaeological team from Waseda University became the first Japanese people to launch an archaeological excavation mission at an ancient Egyptian site. In 1974, the team became the first in the history of archaeological excavations in Egypt to discover the "sacred staircase" in Maikats. The team worked closely with Egypt's Ministry of Antiquities, and was rated highly in Japan.



《 1922 》

Visit by physicist Albert Einstein to Waseda University

On November 29, 1922, Professor Einstein visited Waseda University during his visit to Japan, and held a meeting with President Masamichi Shikazono who had once studied at Waseda University. At the welcome ceremony held in the central courtyard, more than 10,000 students and faculty welcomed Professor and Mrs. Einstein with enthusiastic applause. When they left, they were met off with a cheer of the university's students.



1928 《

Japan's first gold medalist

At the Amsterdam Olympics, Mito Oda from Waseda University's track and field club became the first Japanese to win a gold medal for the triple jump. The same track and field team attended a sports event for international students held in their own way back to Japan from the Olympics, opening the path to participation in the Olympics later on.



《 1940 》

"Visas for life" from diplomat Chiune Sugihara

In 1940, Chiune Sugihara joined admission to the Department of English at Waseda University's Higher Manual School (the School of Education today). In 1940, Sugihara, who was then working at the Japanese Consulate in Lithuania, issued visas against orders from the Ministry of Foreign Affairs, thus saving about 6,000 Jews. His humanitarian act is highly appreciated by the international community.



1993 《

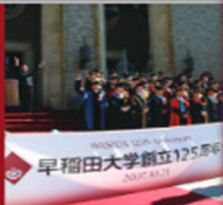
Visit to Waseda University by then U.S. President Bill Clinton

In 1993, Bill Clinton, then President of the United States of America, visited Waseda University. Through the university, Clinton continued to welcome visits by many distinguished guests from around the world, including Hu Jintao, former President of the People's Republic of China in 2006, and former UN Secretary-General Ban Ki-moon in 2010.

2007 《

125th founding anniversary—Toward the "second establishment" of the university

Waseda University has continued to move forward toward its three goals of tackling the challenges of creative advanced research, realizing lifelong learning across the institution, and fostering global citizens. At the ceremony held on October 21, 2007 to commemorate its 125th anniversary, 126th President Kazuhiko Shira delivered the "Second Century Declaration of Waseda."



《 1962 》

Robert Kennedy attends student debate

In the midst of the protest against the Japan-U.S. Security Treaty in 1962, then U.S. Attorney General Robert Kennedy and his wife attended a student debate at the Chuo Audatorium. The couple was touched by the joint singing of the university's anthem by Japanese and American students against the treaty. When they visited Japan again, they remembered the anthem and sang it together with the students.



《 2012 》

Formulation of Waseda Vision 150

Waseda Vision 150 was formulated in 2012 with a view to the 150th anniversary of the university's founding in 1862. Waseda University has dramatically improved the quality of education and research, and will continue to contribute to the world as a leading university of Asia.

1882 《

Okuma Shigenobu founded Tokyo Seimon Gakko (College)

The founding and opening ceremony of Tokyo Seimon Gakko (College) was held on October 21. At the ceremony, the Principal, Ichikawa Chuzo, issued a treat on the founding of the school, Anan Onokubo an alumnus, and a cheer was made on the spirit of "Scholarship of Learning." The departments of political science, law, physical science, and English were established, and 60 students were admitted as the first batch of students.



The "Group of Four" who contributed to the development of Waseda University

The "Group of Four" refers to the four individuals who participated in the founding and development of Waseda University, and contributed to its development. Chuzo Ichikawa served as the first Principal and third President of the institution, and passed his efforts into raising the institution to the rank of university as well as establishing the school of science and engineering. Torajiro Aoyama was the Director of the School of Commerce, and a year later opened, and soon became the second President of the University. Shigeo Inaba took the leadership for the present-day Department of Literature. Kenichi Higuchi worked hard to realize the academic independence of the university, and also contributed to the expansion of the library.



1903 《

Start of the Waseda-Keto baseball match (Soketsu)

Along with the Cambridge-Oxford boat race and the Harvard-Yale football match, the Waseda-Keto baseball match (Soketsu) is rated among the three major university sporting events in the world. A tradition that can be traced back to 1903, the event was held in the baseball arena of the two universities building to preserve the honor of their alma mater, as well as the great scale of support offered from the stands.

Tokyo - Attractive Location



Shinjuku-ku, Tokyo, Japan



TOKYO: 7 CAMPUSES | SAITAMA: 2 CAMPUSES

- #1 MICHELIN-STARRED RESTAURANTS (TRIPADVISOR)
- #3 BEST STUDENT CITIES RANKING (QS BEST STUDENT CITIES 2014)
- #1 GLOBAL CITY RANKING (LAT KEARNEY 2014)
- #1 HOSPITABLE CITY (TRIPADVISOR 2014)
- #1 PUBLIC TRANSPORTATION, HELPFUL LOCALS, SAFETY, CLEANLINESS (TRIPADVISOR 2014)

Tokyo, Japan

WASEDA UNIVERSITY



## Number of International Students

**7,942\*** from **125** countries and territories  
(Undergraduate and Graduate)

## Graduate Employability

**#1** in private university of Japan  
(#2 in Japan, #27 in the world)  
QS Graduate Employability Rankings 2019

### ALUMNI [卒業生]

**630,000**

### PARTNER INSTITUTIONS [協定大学・機関]

**848** (93 countries)

### FACULTY [教員]

**5,468**

### ENROLLMENT [学生数]

**49,436**

### UNDERGRADUATE STUDENTS [学部生]

**41,051**

### GRADUATE STUDENTS [大学院生]

**8,385**

### NUMBER OF BOOKS [図書館蔵書]

**5,800,000**

## Alumni CEOs in Japan

**10,606**

**8 Prime Ministers**

**Founder Shigenobu OKUMA**



Hiroshi YAMAUCHI

Masaru IBUKA

Tadashi YANAI



### Prime Ministers

8th Shigenobu Okuma  
17th Shigenobu Okuma  
55th Tanzen Ishibashi  
74th Noboru Takeshita  
76th Toshiki Kaifu  
84th Keizo Obuchi  
85th Yoshiro Mori  
91st Yasuo Fukuda  
95th Yoshihiko Noda

### Business Leaders Founders of global companies

Sony  
Samsung  
Casio  
LOTTE

### Business Leaders CEOs of global companies

ANA  
(All Nippon Airways)  
HONDA  
Nintendo  
UNIQLO  
Shiseido  
Nomura Securities Co., Ltd.  
Tokio Marine & Nichido Fire Insurance Co., Ltd.  
Olympus Corporation

Aiji TANAKA

Hironori KASAHARA



President  
International Political  
Science Association (IPSA)  
President 2016



Senior Executive Vice President  
IEEE Computer Society President  
2018. The first president from  
outside USA and Canada in 72  
years CS history. CS has 84,000  
members from 168 countries.

Toshio FUKUDA



The University Professor Waseda,  
Waseda Alumnus, Prof. Emeritus  
Nagoya Univ., Prof. Meijo Univ.  
IEEE President 2020. The first from  
Asia in 135 years history.  
IEEE has 420,000 members.

Haruki MURAKAMI

Hirokazu KOREEDA

Yuzuru HANYU

Daiya SETO

S. ARAKAWA



# Waseda's Priorities to cope with COVID-19

学生・ご父兄・教職員の健康と生命を守る・質の高い教育を提供・研究の継続

<https://www.waseda.jp/top/news/69265>

- Protect the life and health of students, their family, faculty members, researchers and staff
- Provide high quality online education
- Continue research



Decision to cancel the  
March graduation ceremony



Decision to cancel April Entrance  
Ceremony and Guidance



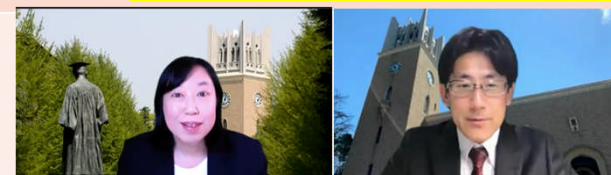


# Timeline of Online Education Preparation in Waseda against COVID-19

2020.2.5	Started discussion for Online Classes expecting professors would teach from classrooms.
2020.3.11	Announced the delay of start of classes (After 4/20) considering students outside Japan Started <b>“Teach Anywhere”</b> development that was formally opened on 4/5
2020.3.24	Announced the further delay of start of classes (5/11)
2020.3.28	Requested faculty to prepare online classes from home with starting technical supports
2020.4.1	Announced to students that Spring 2020 classes will in principle be conducted online
2020.4.3	Japanese 3 Big Smartphone companies announced discounting data communication expenses for students for Spring semester
2020.4.6	Announced campus closure between 4/8~4/21
2020.4.9	Opened <b>“Learn Anywhere”</b> site for students
2020.4.13-	Started online course seminars for faculty and TAs with CTLT (Center for Teaching, Learning and Technology) . 3,400+ profs, staff, etc participated in 15 webinars.
2020.5.3	Started emergency financial supports for students having financial difficulties
2020.5.7	For Faculty: Began supporting recording lectures in classrooms for on-demand classes
2020.5.8	For Students: Began free rental of Wifi router and PCs
2020.5.11	<u>Started Online Education: Online classes with Moodle, Collaborate, Millvi for 50,000 students successfully worked</u> except an on-demand CCS's slow-down for 4 hours.
2020.6.22~	Opened campus, restarted face to face service on appointment basis

3/26 Japanese government established response headquarters

4/7 Japanese government declared state of emergency





# Waseda Online Education started on May 11, 2020

## for 50,000 students and 18,000 courses

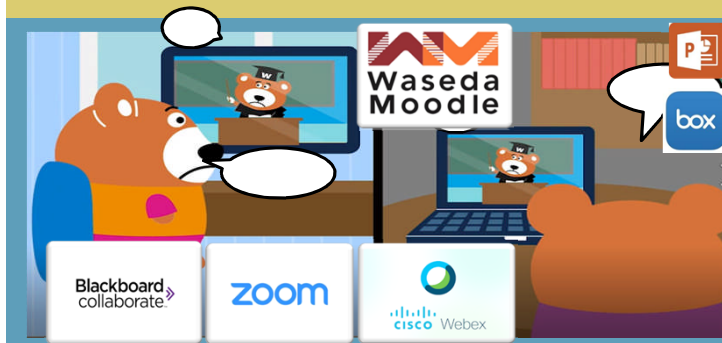
- Professors could choose any of **3 ways for Online Lectures**
- **Students with Financial Difficulties** by COVID-19 had **emergency financial supports** and **WiFi Routers and Note-PCs** were lent for free by **Waseda U.**
- **NTT Docomo, KDDI, SoftBank discounted Student Data Communication fee** for the **Spring Semester**



講義資料・課題提示による授業  
Learn through Course Materials / Assignments on Waseda Moodle



収録内容オンデマンド配信による授業  
Learn by on-demand lecture video with CCS for self-creation in home and Milvie for in campus via Moodle



リアルタイム配信による授業  
Attend online realtime lectures using Collaborate and Zoom via Moodle



# 早稲田大学の新Open LMS”Waseda Moodle”に2020年4月に移行

Waseda Univ. moved to New Open LMS “Waseda Moodle” from April 2020 from a proprietary LMS , “Waseda-net Course N@vi“ which has been used since 2007.

“Waseda Moodle” has been developed with Blackboard since 2017.

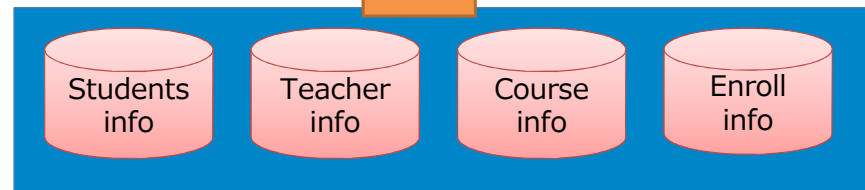
My Waseda  
Univ. Portal site



Waseda Moodle  
Learning Management System



University data coordination



Multiple external services

Blackboard  
collaborate





# CTLTとポータル・オフィスによる、授業運営相談・支援

## Consultations & Supports for Online Classes by CTLT & Portal Office for Profs and students

- With campus closures, **all course supports** have been provided **online**.
- **"Teach Anywhere"** provides **how to prepare and operate Online Lectures with accumulated experience and mutual help among profs., etc.**
- **"Learn Anywhere"** provide **how to prepare and learn Online Lectures**. It has multi-device compatibility (browser, ver, etc) and multilanguage user interface.
- Manuals and Tips also expanded. Implemented a **Chatbot**, opened **helpdesk** to respond to inquiries via **Home-based call center systems** and **emails**.
- Newly appointed faculty also helped to provide detailed and timely support.
- In special cases, in-person supports have been also provided.

Date	Inquiries
2019.04	<b>1,800</b>
2020.04	<b><u>6,300</u></b>

"Teach Anywhere"

View Count

**4,311,236**

Inquiries Appx.

**400 per week**

Manual for teacher

GO

TOP

[Welcome to Teach Anywhere.](#)

["The First Step" for Online Lecture](#)

[FAQ](#)

[Good Practice・Tips](#)

[Important Notice](#)

FAQ

最終更新日：2020/06/08

Here are the many questions we have received and the answers to them. We will add and update this information as needed, so please check back as appropriate.

**\*\*Please use the in-page search (Windows:Ctrl+F, Mac:command+F).\*\***

- [1. Preparation and environment for use](#)
- [2. LMS \(Waseda Moodle/Course N@vi\)](#)
- [3. On-demand delivery](#)
- [4. Real-time delivery](#)
- [5. Class management and educational methods](#)
- [6. Copyright](#)

For Students

TOP

[Welcome to Learn Anywhere.](#)

[FAQ](#)

[Important Notice](#)

[Learn Anywhere \(Online Lecture\)](#)

未分類

01. Before class starts

02. Class in session

09. Reference

Welcome to Learn Anywhere.

This website "Learn Anywhere" provides information on the preparation for taking online classes at Waseda University, as well as reference information. Please visit this site from time to time as the content is updated as changes from time to time.

We hope that you will have a fruitful student life and that you will improve your learning environment. Thank you very much.

**★Waseda Moodle(Login)**

Important>About Online Classes

Classes for the spring semester (semester/quarter) of 2020 at Waseda University will begin on Monday, May 11 (\*) and will be conducted online via the principle. Before taking online classes, please read the following carefully to ensure you have a good learning environment.

Some or all of the correspondence courses in the College of Humanities and Social Sciences, the College of Science and Engineering, the College of Professional Degree Courses in the Graduate School of Law and the College of Graduate Studies.

# Waseda U Online Education Coping with COVID-19 Summary

- Started preparation for Online Education in early Feb. .
- Online classes from May11 was announced on Mar.24.
- “Teach Anywhere” was formally released on April 5.
- “Learn Anywhere” was released on April 9.
- WiFi routers and PC were lent for free to students having financial difficulties with Emergency Financial Supports.
- Online classes have been smoothly proceeded with collaboration of teachers, students, and staff resolving a lot of small problems everyday.
- Comments from students
  - "There are a lot of assignments! Study time per day is 3 hours more than usual"
  - "I can learn at my own pace, and it feels like I was able to learn deeper."
  - "I want to conduct experiments on-campus"
- Currently, we are discussing how to organize Online Examinations and classes in Fall Semester.
- Waseda Univ. thanks Blackboard for supporting Waseda Online Education with “Collaborate” and Moodle.

