

質問1：グローバル戦略 (特に、学生、大学院生を含めた研究人材育成)

Q1: Global Strategy (Including students and researchers development)

Number of International Students
7,942 from 125 countries and territories

Alumni CEOs in Japan
10,606

Graduate Employability
#1 in private university of Japan

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 (図書総数) 5,800,000

Prime Ministers
8th Shigenobu Okuma
17th Shigenobu Okuma
58th Tanzen Ishibashi
74th Noboru Takeshita
76th Toshiki Kaifu
84th Keizo Obuchi
89th Yoshiro Mori
91st Yasuo Fukuda
96th Yoshihiko Noda
100th Fumio Kishida

Business Leaders
Founders of great companies
Sony
Samsung
Casio
LOTTE

Business Leaders
CEOs of global companies
ANA (All Nippon Airways)
HONDA
Nissan
UNIQLO
Shiseido
Nomura Securities Co., Ltd.
Tokai Marine & Nichido Fire Insurance Co., Ltd.
Daijipus Corporation

Alumni CEOs in Japan
Hiroshi YAMAUCHI (Nintendo)
Masaru IBUKA (SONY)
Tadashi YANAI (UNI QLO)
mercari
HEROZ JAPAN

Prime Ministers
Toshio FUKUDA

Haruki MURAKAMI
Hirokazu KOREEDA
Yuzuru HANYU
Yui Suzuki

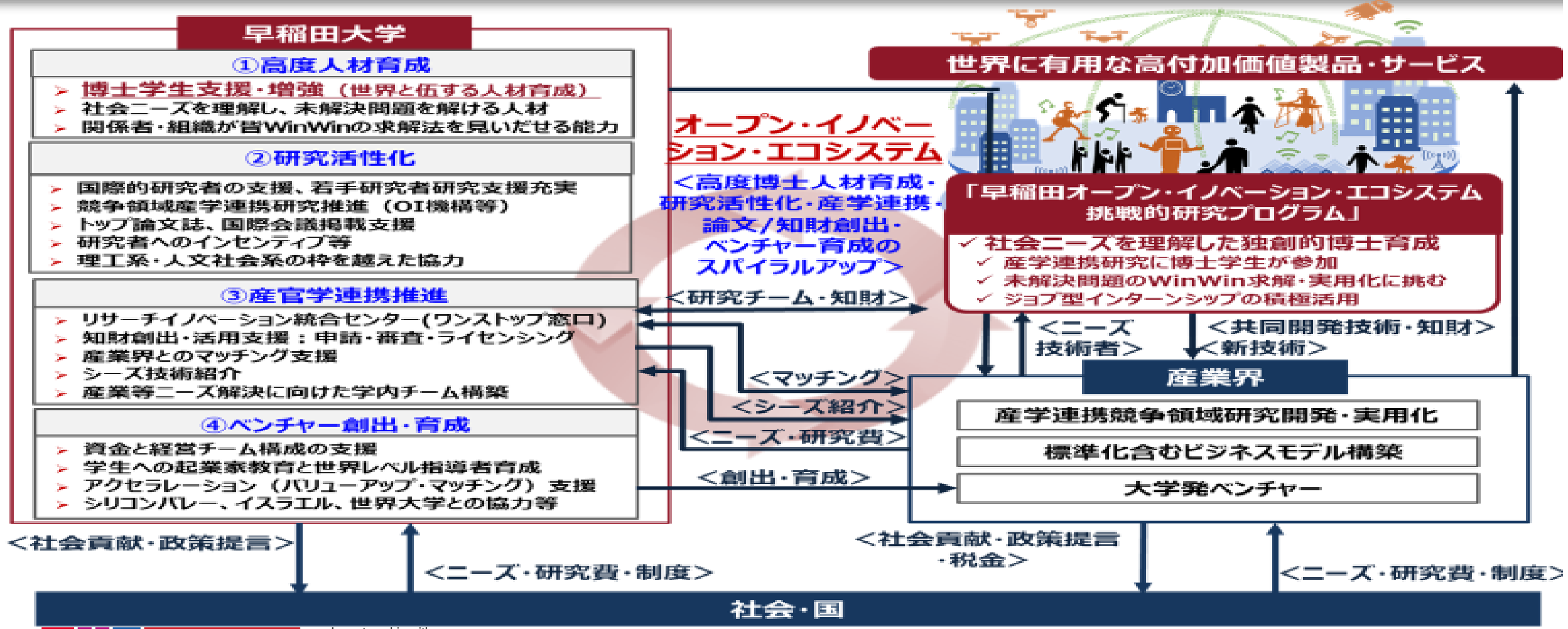
Aiji TANAKA (President, International Political Science Association (IPSA) President 2018)
Hironori KASAHARA (Senior Executive Vice President, IEEE Computer Society President 2018)



質問1：グローバル戦略,スライド2

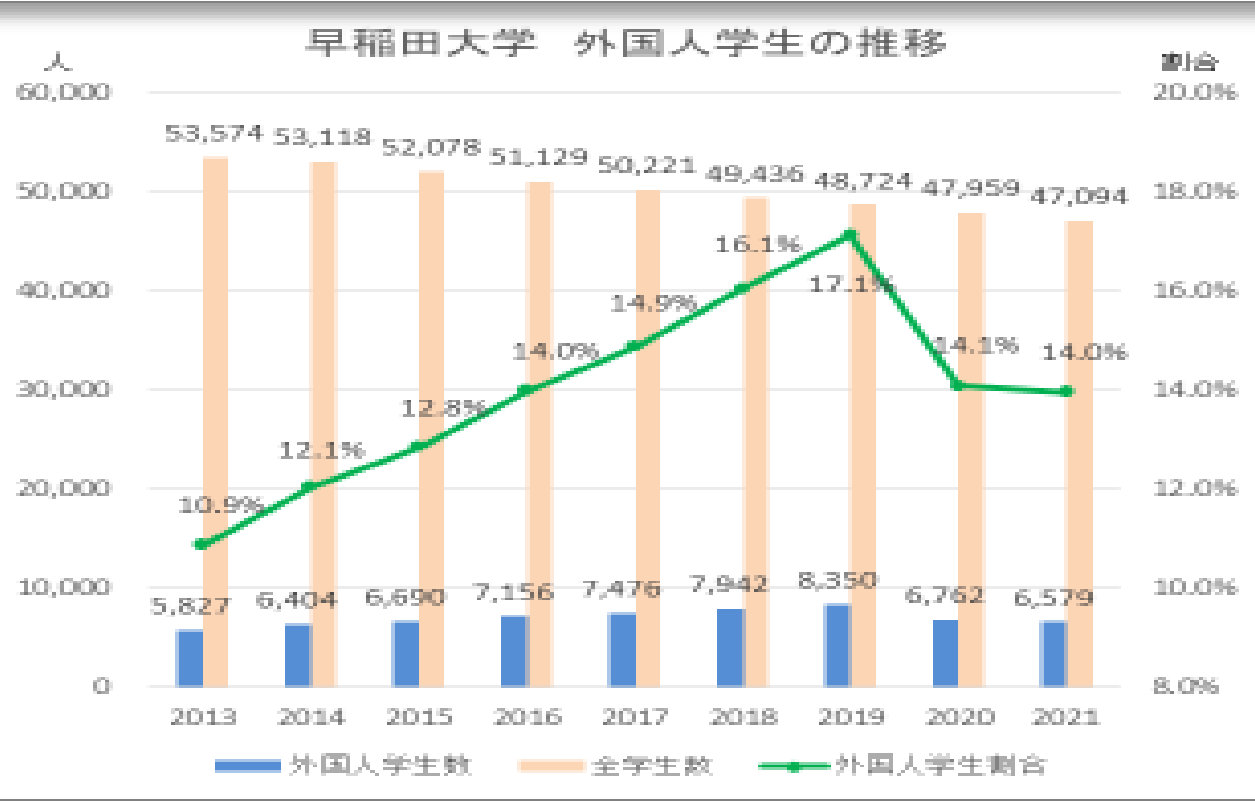
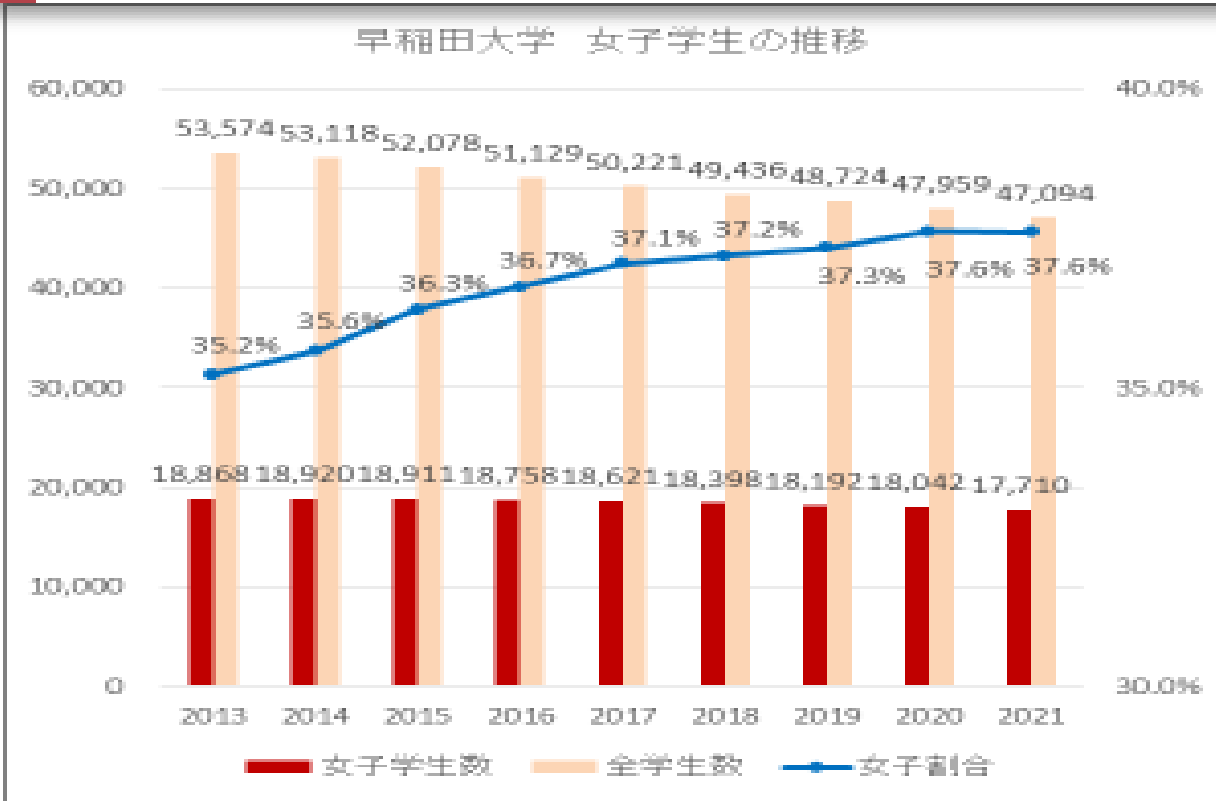
Q1: Global Strategy, Slide 2

早稲田オープン・イノベーション・エコシステム（世界に貢献し、信頼される大学になるために）



質問2：国際競争力を高める取り組み（若手・女性・外国人研究者等支援含め）
Q2: Research Strategy for Competitiveness (Incl. diversity improvement)

早稲田大学の学生数および女性・外国人学生数の現状



質問2:国際競争力の向上策,スライド2

Q2: Strategy for Competitiveness, slide 2

学生、卒業生、教職員が、国内外の場所・時間を越えて、ライフスタイルに合わせ勉強・研究・勤務ができる技術確立

IEEE Computer, Oct. 2020号 (Open Access Article)
 世界のHigh Qualityオンライン教育に向けた9カ国のオンライン教育事例共有

EDUCATION

Computer Education in the Age of COVID-19

Jean-Luc Gaudiot, University of California, Irvine
 Hironori Kasahara, Waseda University

COVID-19 has been devastating across the globe, forcing profound changes in most human interactions. Through an informal survey of numerous educators worldwide, we explore some of the disease's effects on the education community and how the online delivery of educational materials can meet these challenges.

As many in the world continue to suffer from the devastating effects of the COVID-19 pandemic, solutions are continuously being sought for dealing with its consequences and the need to reduce opportunities for infections. Some of all kinds have adapted by encouraging social distancing, requiring face masks, installing Plexiglas partitions in

clearly off loaded to In between the of higher learning lessons with which how to continue op ers experience diffi of necessary safety stably acute for edc face-to-face interac talior the delivery o

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EDUCATION

QUESTION 1
 What classes did you teach during the pandemic (undergraduate/graduate/both)? How many students?

We received reports for 34 computer science and engineering related classes for 10-400 graduate and undergraduate classes from 14 universities in nine countries, including the United States, United Kingdom, Brazil, Russia, Australia, Spain, Japan, China, Taiwan, and Iran in addition to a report for 18,000 classes for 50,000 undergraduate and graduate students from Waseda University, Japan.

learning management systems (LMS: Moodle, Canvas, etc.)
 plagiarism detection (Turnitin, iThenticate, Turnitin, iThedge, etc.)
 on-demand videos creation and/or delivery, including
 massive open online courses, YouTube, etc.
 for self on-demand video content creation in professors' homes and content delivery: Panopto, Contents Creation

Studio, Open Broadcaster Software with a Vimeo platform, etc.
 for assisted content creation on campus and content delivery, Millvi, etc. were utilized
 for real-time online lectures and meetings with recording: Zoom, Blackboard Collaborate, Microsoft Teams, Cisco Webex, Google Meet, Skype, Tencent Meeting, Rain Classroom, Jitsi, etc.; most universities provided enough licenses for faculty members and staff

reporting and analytics for LMS: iThenticate, etc.
 smartphone scanner generating PDFs for handwritten answers: Microsoft Office Lens, etc.
 exam proctors

Universities offered the following support to prepare and operate online classes:
 "Teaching Anywhere" sites for teachers, providing information on how to prepare and operate online education with the lecturers' experiences during classes
 webinars to explain how to prepare online lectures, including on-demand video lectures and real-time online lectures (these were very helpful to educators who had not used network meeting systems or prepared on-demand

video materials from their homes)
 "Learning Anywhere" sites for students, offering information on how to prepare and receive online lectures, including the prevention of server overload as a result of simultaneous logins in the morning and after lunch

As an additional data point, we note that the following additional support to cope with COVID-19 was provided at Waseda University:
 free lending of Wi-Fi routers and PCs to students with financial issues stemming from the pandemic
 specially discounted ¥1 smartphones with tethering functionality and one-year free data communication for all students, faculty members, and staff who needed to reduce home network bandwidth problems
 negotiation with major smartphone companies for the purpose of discounting data communication fees for all students in Japan during the spring semester
 access to a help desk for faculty and students to prepare, operate, and/or participate in online classes from their homes. The help desks were operated by using "home-based call center systems" so that staff and teaching assistants (TAAs) could answer from their own homes

The University of California, Irvine (UCI) also proactively assisted in the transition:
 online classes for the lecturers and TAs prior to the quarter; these classes were aimed at lecturers with content creation and delivery, website design, etc.

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国立情報学研究所「早稲田大学におけるオンライン/ハイブリッド教育」 笠原 博徳 早稲田大学 副総長
<https://www.youtube.com/watch?v=tZW3uxBhLlM>

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 "Teach Anywhere" development that was formally opened 3/26 Japanese government established response headquarters
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 4/7 Japanese government declared state of emergency
2020.4.6	Announced campus closure between 4/8~4/21
2020.4.9	Opened "Learn Anywhere" 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	Started Online Education: Online classes with Moodle, Collaborate, Millvi for 50,000 students successfully worked except an on-demand CCS's slow-down for 4 hours.
2020.6.22~	Opened campus, restarted face to face service on appointment basis

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 in Spring. Fall, In-Person + Online will be also available.
- 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
- Discounted Smartphones with one year free data communication for students, teachers & staff for Family WiFi problem.

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 Webex and Zoom

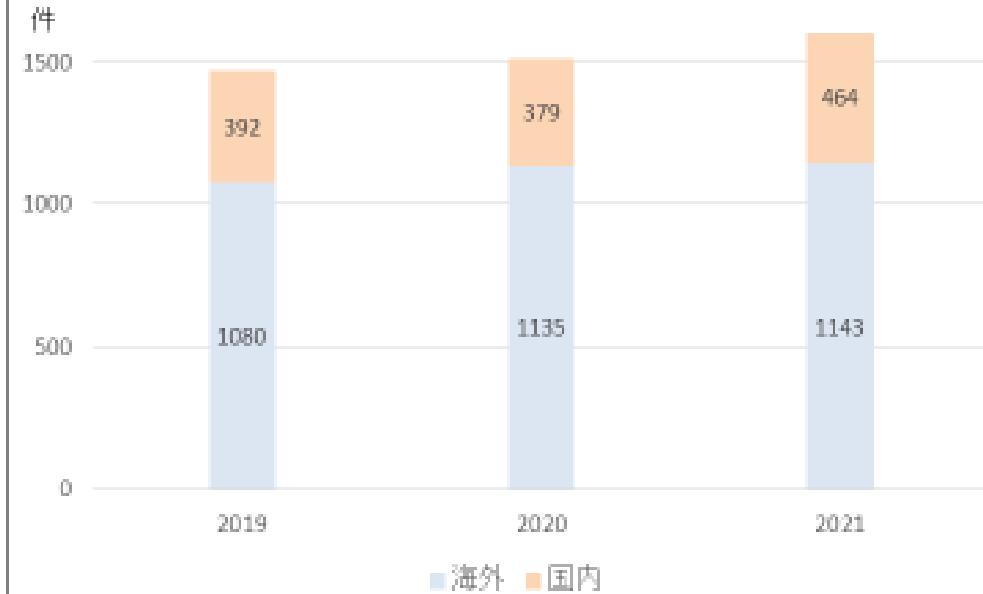
質問3：国際プレゼンス向上戦略

Q3: International Presence Improvement Strategy

早稲田大学の国内外研究・教育大学間協定件数

Oxford University, Nov. 12-13, 2019 (Invited Lecture in CS & Research Collaboration)

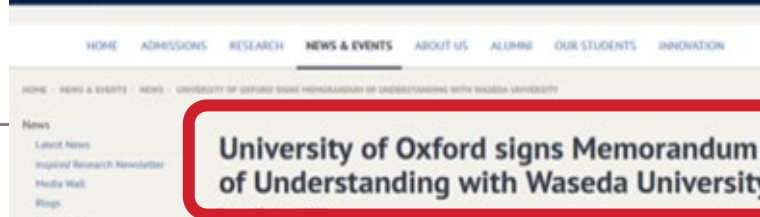
早稲田大学 協定件数



・コロナ禍にもかかわらず、海外機関との協定件数は増加

Vice Chancellor Prof. Louise Richardson
Head of Astrophysics : Prof. Rob Fender
Dept. of Physics: Prof. Ian Shipsey
Astrophysics: Prof. H.Falche, et. al.

Merton College
Warden: Prof. Irene Tracy
Fellow: Dr. Peter Braam
Sub Warden: Prof. Judy Armitage
CS: Prof. Jeremy Gibbons



質問3：国際プレゼンス向上戦略,スライド2

Q3: Presence Improvement Strategy, Slide 2

早稲田大学 副総長 笠原博徳

Waseda Univ. SEVP Hironori Kasahara

早稲田大学 Waseda University

WOI'22

WASEDA OPEN INNOVATION FORUM 2022

Toward Realization of Waseda Open Innovation Ecosystem

2022. 3.8 (Tue) - 15 (Tue) ONLINE

Online Seminar 3.9 (Wed) - 10 (Thu)

Free of charge. Pre-registration is required.

With simultaneous interpretation (for selected sessions only)

<https://waseda-oif22.jp/>

Industry-Academia Collaboration, Venture Startup & Acceleration, Development of Human Resource Understanding Social Needs, Social Sciences, Humanities, Science & Engineering Cooperation, Research Promotion (Including Patents Creation & Licensing), Matching among people in Industry, Government, Academia, and Waseda

Register Now for One Month On-Demand Views

 Mr. Tetsuji Ohashi Chairman of the Board Representative Director, KOMATSU 3/9 10:50-11:10 JST	 Mr. Shuzo Sumi VP Kaidanren / Senior Executive Advisor Tokio Marine & Nichido Fire Insurance Co., Ltd. 3/9 11:35-11:50 JST	 Ms. Susan Kathy Land IEEE President 2021 3/9 11:20-12:20 JST	 Mr. Dave West CISCO Asia, Pacific & China President 3/10 12:15-12:35 JST	 Mr. Kengo Sakurada Chairman, Japan Association of Corporate Executives / CEO, Sampo Holdings 3/10 9:30-9:50 JST	 Mr. Yoshikazu Kitahara Managing Director and Executive Vice President, Mitsui Fudosan Co., Ltd. 3/10 9:35-9:50 JST	 Mr. Kisaburo Tokai Member, House of Representatives 3/10 11:00-12:00 JST
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経済界、ベンチャー、研究者、学生とのオンライン交流の場！

早稲田大学史上、最大の産学連携イベント！！

早稲田大学が2020年度に成功したオンライン教育の経験を活かすすべてのプログラムをオンラインで開催

WOI'21

WASEDA OPEN INNOVATION FORUM 2021

早稲田オープン・イノベーション・フォーラム2021

セミナープログラム 世界最先端の国内外企業・政府・大学リーダーたちによる講演やパネルディスカッション

オープニング
主催者挨拶 田中 豊治 早稲田大学 総長
実行委員長挨拶 笠原 博徳 早稲田大学 副総長
ご挨拶 萩原 将氏 文部科学省 大臣官房参事官(科学技術・学術政策担当)
ご挨拶 萩原 崇弘氏 経済産業省 大臣官房参事官(企業技術環境・福島復興担当)

招待講演・講演
菅原 弘道氏 一般社団法人日本経済団体連合会 副会長 / 日本電信電話株式会社 取締役会長
福田 敏男氏 IEEE (米国電気電子工学協会) 2020会長 / 早稲田大学 特命教授
Mr. Dave West CISCO Systems Asia Pacific & China President
Prof. Louise Richardson オックスフォード大学 総長
遠野 茂 早稲田大学 商学学術院 教授
林 泰弘 早稲田大学 理工学術院 教授 / スマート社会技術総合研究機構 機構長
中谷 義昭 早稲田大学 オープンイノベーション戦略研究機構 副機構長

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SOMPOホールディングス グループCEO 取締役代表執行役社長
松田 修一 早稲田大学 名誉教授

パネルディスカッション
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遠野 茂 早稲田大学 商学学術院 教授
笠原 博徳 早稲田大学 副総長

【モデレータ】
松田 修一 早稲田大学 名誉教授

早稲田大学 カーボンニュートラル宣言 -2021.11.1-



2022年3月8日(米国時間)
国際女性の日IEEE Land会長

