# Graduate School of Science and Engineering Ibaraki University

# **Doctoral Program**

**Application Guidelines for the Entrance Examination** 

September 21, 2023

# [Security Export Control]

In accordance with the Foreign Exchange and Foreign Trade Law of Japan, Ibaraki University is committed to properly managing the university's export of goods, provision of technology, and exchange of human resources from a security perspective. As part of these efforts, the University confirms the research content, etc. prior to accepting foreign students and researchers.

If any of the above items are restricted by law, there may be cases in which the desired research may be restricted or prohibited, or education may not be provided. In addition, if you do not confirm the content of your research in advance and request confirmation after submitting your application, your application may be cancelled depending on the results. Please be sure to confirm with the faculty member with whom you wish to supervise your research that there are no problems with acceptance as a result of the prior confirmation of research content, etc. before submitting your application documents. Please note that it takes about one week to confirm the content of your research in advance, so please make your request well in advance.

At the time of admission, applicants are required to sign a written pledge to comply with the Foreign Exchange and Foreign Trade Law.

The Graduate School of Science and Engineering (GSSE) of Ibaraki University was founded in 1995. The Institute of Applied Beam Science (IABS) was established as part of the GSSE in 2004 for study and utilization of a wide variety of quantum beams including, but not limited to electromagnetic radiation (X-rays, γ-rays, and optical laser beams) and particle beams (neutron, electron, proton) defined together as Quantum Beams. We are excited to announce that GSSE have been expanded from April 2016 with the Institute of Quantum Beam Science (IQBS) program. The re-envisioned GSSE have three institutes that are IQBS, Institute of Complex Systems Science, and Institute of Society's Infrastructure Systems Science as the result of reorganization of the six current institutes (Applied Beam Science, Material Science, Industrial Science, Information and System Sciences, Physical Sciences, Environmental and Functional Sciences).

Successful applicants for graduate school at GSSE of Ibaraki University will enjoy an engaging and enriching educational program in addition to pursuing their own, individualized research studies in working toward becoming experts of their respective fields. Graduate students are expected to have an important role at the GSSE of Ibaraki University by actively participating in research, assisting teaching and providing significant contributions to science and engineering. They will study under the supervision of respected and dedicated faculty members at the GSSE. The educational, scientific, and engineering programs will prepare the students to start their life in their intended career choice after the graduation from the GSSE of Ibaraki University.

# I. Authorized Student Enrollment

# [for Entry on September 21, 2023]

Major	Fields of Study	Enrollment
	Environmental Radiation Science	
O	Material Engineering and Quantum Science	A few
Quantum Beam Science	Quantum Chemistry and Biochemistry	Alew
	Beamline Science	
	Mathematics and Mathematical Information Science	
	Space and Global Environmental Systems Science	
	Functional Systems Science	
Complex System Science	Material Systems	A few
	Power Energy Systems	
	Industrial Production Systems	
	Measurement and Control Systems	
Society's Infrastructure	Basic Social Infrastructure	
	Urban and Environmental Systems	A few
Systems Science	Information and Telecommunication Systems	

# II. Eligible Applicants

Applicants must meet the following admission requirement:

Received or are expected to receive a master's degree or its equivalent from an accredited institution, prior to entry to the Graduate School of Science and Engineering of Ibaraki University (GSSE).

Applicants who do not meet the requirement should apply for the "VI. Pre-screening for Assessment for Applicant's Eligibility" prior to application to the entrance examination.

# III. Application Procedure

- 1. Contacting potential advisors: Those who would like to apply for the enrollment in the doctoral program of the GSSE should contact their potential advisors listed in the table "Faculty Members" prior to their application. Those who accept to be the potential supervisors of the applicants may help the applicants with arrangement of the application procedure.
- **2. Application deadline**: 12 May 2023.
  - (a) By postal mail: Submission of the application requirements should be made by registered mail to reach the admission office by 16:00 JST, 12 May 2023.
  - (b) By E-mail: The E-mail to which the application requirements are attached should reach the <u>admission office</u> by 16:00 JST, 12 May 2023. [The original hard copies of the documents of which scanned digital copies are submitted as E-mail attachments should be submitted by registered mail (such as EMS) to reach the admission office by the time of the entrance examination.
- **3. Admission office:** To which of the below-mentioned admission offices applicants have to submit the application requirements is according to the potential supervisors as given in the table "Faculty Members".
  - (1) Hitachi campus:

Admission Office, College of Engineering, Ibaraki University

4-12-1 Nakanarusawa, Hitachi, Ibaraki 316-8511, Japan

Phone: +81-294-38-5010 E-mail: ao.gsse[at]ml.ibaraki.ac.jp

(2) Mito campus:

Admissions Office, College of Science, Ibaraki University

2-1-1 Bunkyo, Mito, Ibaraki 310-8512, Japan

Phone: +81-29-228-8332 E-mail: ao.gsse[at]ml.ibaraki.ac.jp

\*Please convert [at] in the email address to @ and send.

**4. Advance Consultation for Applicants with Disabilities:** Applicants with disabilities who need special cares in the admission processes and research/study activities at the GSSE may consult the above-mentioned admission office before submitting the application requirements.

# IV. Application Requirements

Application requirements are as follows. Applicants should use the prescribed forms for Form 1-6 of either of the hard copies in this application guidebook or those downloaded at http://www.gse.ibaraki.ac.jp/en/guidance/doctor/. When the application requirements are submitted as E-mail attachments, required material other than Form1-6 should be scanned into JPEG files or PDF, and the original hard copies should be sent by registered mail to reach the admission office by the time of examination.

Application requirements	Notes
Application Form and Curriculum Vitae (Form 1)	Use the <u>prescribed form</u> .
Admission Slip for Examination, with Applicant's Photograph (Form 2)	Use the <u>prescribed form</u> .  Passport-size photograph (4 × 3 cm, taken within 3 months) should be attached as indicated.
	Use the <u>prescribed form</u> . In either Japanese (less than 2,000 characters) or English (less than 1,000 words).
Summary of Master's Thesis or its Equivalent (Form 3)	<1> Applicants received a master's degree Summary of Master Thesis or its Equivalent.
(z ozna z)	<2> Applicants expected to receive a master's degree Summary of Master Thesis or its Equivalent to be submitted.
Research and Development Achievement Records (Form 4)	Use the <u>prescribed form</u> .  Provide research and development achievements, such as scientific publications, presentations in scientific meetings, and patents.
Research Plan (Form 5)	Use the <u>prescribed form</u> .  Describe the outline of intended research, in either Japanese (less than 1,000 characters) or English (less than 500 words).
Application Fee	JPY 30,000.
	Payment of the application fee can be made by one of the following three methods. According to the method of payment, applicants should submit the Receipt of Transfer (振替払込証明書) or the Certificate of Payment (収納証明書) to the admission office together with other material of application requirements.  Those who have completed the master's program at the graduate school of Ibaraki University do not need to pay.
	(1) Paying at a convenience store in Japan a. Please refer to "コンビニエンスストアでの入学検定料払込 方法(How to Pay the School Entrance Examination Fee at a

Convenience Store) "when making your payment.

b. Please ensure that you receive a "取扱説明書(Handling Statement)" or a "取扱明細書兼領収書(Handling Statement & Receipt)" upon completion of payment.

c. Please detach the "収納証明書 (Payment Certificate)" portion of the "取扱説明書(Handling Statement)" or "取扱明細書兼 領収書(Handling Statement & Receipt)" you receive and submit it with your application documents.

d. Please be aware that applications are not accepted after 15:00 JST. on the final date of the application period.

# (2) Paying by credit card

- a. Access the e-apply website (http://e-apply.jp/e/ibaraki-gs/) and complete the payment procedure.
- b. Once you have completed the procedure and the payment has been transferred, you will be emailed a payment completion notice containing a URL. Access this URL, download the PDF file, and print the "申し込み明細(Application Statement)".
  c. Please detach the "収納証明書(Payment Certificate)" portion of
- the "申し込み明細(Application Statement)" and submit it together with your application documents.
- d. Please be aware that applications are not accepted after 15:00 JST on the final date of the application period.

### (3) Paying at a financial institution

- a. Order a payment slip from the Admission Office. If you want it sent by mail, please send us a reply envelope (size: 24cm × 33.2cm) with postal stamp of ¥380 including express mail
- b. Pay the examination fee with the payment slip at a nearby financial institution in Japan. You can pay at a teller's window at financial institutions throughout Japan, including post offices, banks, Shinkin banks and JA banks.
- c. Receive the "振替払込受付証明書(transfer payment receipt)" and the "振替払込請求書兼受領証(transfer payment request / receipt)" after confirming they are stamped by the financial institution.
- You must pay the examination fee at a teller's window of financial institution.
- \* Do not use an automatic teller machine (ATM).
- ·Submit the "振替払込受付証明書(transfer payment receipt)" with other application documents.

You need not submit the "振替払込請求書兼受領証(transfer payment request / receipt)" because it is a copy for the remitter. Please keep it in a safe place until you receive the admission slip for examination.

"No." in the columns on the payment slip, such as "Correspondence column" and "Remitter", does not represent your examinee number.

### [Points to note]

- 1. The payment transfer fee must be paid by the applicant.
- 2. Once the application documents are received, the examination fee paid cannot be refunded.

However, in case either you paid the examination fee but

	did not apply, or you mistakenly paid the fee twice, you can demand a refund of the examination fee. Please ask for the office below.  The amount to be refunded is the amount minus a transfer fee.  Bursar's Office, Financial Affairs Division, Financial  Affairs. Department, Ibaraki University  (Phone: +81-29-228-8561)  3. Please contact the following center if you have any queries concerning how to make payment at a convenience store or by credit card:  Learning and Education Application Service Support Center (operating company: Disco Inc.)  (E-mail cvs-web@disc.co.jp)
Official Transcript	Academic transcript for all post-secondary study undertaken, regardless complete or incomplete. Institution grading scale should be included.
Certificate of Graduation	Certificates of graduation (and expected graduation) of undergraduate and graduate schools attended/attending.
Residence Certificate or Copy of Passport	Foreign residents in Japan: Residence certificate issued by the head of municipality giving applicants' nationality and visa status and length.  Non-resident in Japan: Copy of passport
Return Envelope (12.0cm × 23.5cm)	Only when the applicant lives in Japan and the application is made by "post", an envelope with the applicant's name, address, postal code, and postal stamp of JPY 344 (including express mail fee), in which the Admission Slip for Examination will be sent to the applicant, will be submitted.  *When the application is made by E-mail or the applicant does not live in Japan, Return Envelope is NOT necessary. Admission Slip for Examination in PDF will be sent to the applicant's email address as an attachment.
Address Slip (Form 6)	Use the <u>prescribed form.</u>

# V. Screening Procedure

# 1. Screening:

Screening is made based on the information given in the submitted Form 3-5 (Summary of Master's Thesis or its Equivalent, Research and Development Achievement Records, and Research Plan) and Transcripts, and on Interview, including oral examination to confirm applicants' knowledge in the applicants' intended fields of research and/or development.

**2. Date of interview:** Any time between 29 May 2023 and 31 May 2023 suitable for both the interviewers and the applicant. Prior to submitting the application, you may inform the potential supervisor the dates on which you are available for the interview. Exact date and time of interview will be informed to the applicant beforehand.

- 3. Place of interview: One of the following three places, specified on the Admission Slip.
  - (1) Hitachi campus, Ibaraki University 4-12-1 Nakanarusawa, Hitachi-city
  - (2) Mito campus, Ibaraki University 2-1-1 Bunkyo, Mito-city
  - (3) Tokai satellite campus, Ibaraki University 162-1 Shirakata, Tokai-mura

Due to the health and safety concerns for both interviewers and the applicant stemming from the coronavirus (COVID-19), the applicant may have an online interview at home. If the applicant has an online interview, expected supervisors will explain the procedure.

### 4. Notification of Results

Results of screening will be sent to successful applicants by postal mail on 23 June 2023.

# VI. Pre-screening for Assessment for Applicant's Eligibility

### 1. Application Documents

- (a) Application Form for Applicant's Eligibility and Summary of Previous Research Activities

  Use the prescribed form (Form 7-1)
- (b) Written Statement of Expected Supervisor for Applicant's Eligibility

Use the prescribed form (Form 7-2)

- (c) Research and Career Achievement Records
- Use the prescribed form (Form 4)
- (d) Copy of the scientific paper/publication given in Form 4 (If you have more than one scientific paper/publication, you may provide the copy of one of your selected scientific paper/publications.)
- (e) Graduation Certificate of the Last School Attended
- (f) Certified Professional Career Record

Use the prescribed form (Form 8)

- (g) Reply Pertaining to the Qualifying Examination (if available\*)
- (h) Self-addressed Reply Envelope (235×200mm) with JPY 344 postage stamp(s)

  In case the address is outside Japan and/or the application is made by E-mail, Reply

Envelope is not necessary. Results of pre-screening in PDF will be sent to the applicant's email address as an attachment.

\*Applicants who have completed a curriculum offered by an overseas educational institution, an educational institution in Japan that is recognized by a foreign country as having a graduate course under the education system and which is separately designated by the Japanese Minister of Education, Culture, Sports, Science, and Technology, or United Nations University and passed examination and screening equivalent to which are prescribed in Section 2 of Article 16 of the Standards for the Establishment of Graduate Schools must submit the application document(f), "Reply Pertaining to the Qualifying Examination".

# 2. Application deadline: 24 April 2023.

- (a) By postal mail: Submission of the application requirements should be made by registered mail to reach the <u>admission office</u> by 16:00 JST, 24 April 2023.
- (b) By E-mail: The E-mail to which the application requirements are attached should reach the <u>admission office</u> by 16:00 JST, 24 April 2023. Required material other than Form 4,7-1,8 should be scanned into JPEG files or PDF. [The original hard copies of the documents of which scanned

digital copies are submitted as E-mail attachments should be submitted by registered mail (such as EMS) to reach the admission office by the time of the entrance examination.

- **3. Admission office**: To which of the below-mentioned admission offices applicants have to submit the application requirements is according to the potential supervisors as given in the table "Faculty Members".
  - (1) Hitachi campus: Admission Office, College of Engineering, Ibaraki University 4-12-1 Nakanarusawa, Hitachi, Ibaraki 316-8511, Japan Phone: +81-294-38-5010 E-mail: ao.gsse[at]ml.ibaraki.ac.jp
  - (2) Mito campus: Admissions Office, College of Science, Ibaraki University 2-1-1 Bunkyo, Mito, Ibaraki 310-8512, Japan

Phone: +81-29-228-8332 E-mail: ao.gsse[at]ml.ibaraki.ac.jp

### 4. Notification of Results

Results of pre-screening will be sent by express mail or by E-mail on 8 May 2023.

### VII. Personal Record Disclosure

**Personal records** related to the GSSE entrance examination are disclosed only to the examinees following the below-mentioned procedure of application.

# 1. Application period

8 April 2024 to 26 April 2024 (except Saturdays, Sundays, and national holidays). 9:00 - 17:00 JST

**2.** Applicants: Restricted to the examinee. Disclosure is not made for successful applicants.

### 3. Application Procedure

Come to the university with the following documents, and apply using the designated form.

- (1) Admission Slip for Examination
- (2) Document to identify the individual (student ID card, driver's license, passport, etc.)
- (3) Return envelope (size 3 vertical envelope, 12.0cm × 23.5cm)

  Clearly write the address, including the zip code, and name of the applicant and put a stamp worth JPY 519 (rate for a registered letter) on the envelope.

### 4. Place for application

- (a) Admissions Office, College of Engineering, Ibaraki University 4-12-1 Nakanarusawa, Hitachi, Ibaraki 316-8511, Japan
- (b) Admission Office, College of Science, Ibaraki University 2-1-1 Bunkyo, Mito 310-8512, Ibaraki, Japan

### 5. Disclosure method

The personal record is sent by registered mail at a later date.

<sup>\*</sup>Please convert [at] in the email address to @ and send.

### 6. Disclosure content

Disclosure is made for unsuccessful applicants by the category of level (three levels). However, in the case in which the number of unsuccessful applicants is fewer than five, disclosure is not made.

The score and the rank are not disclosed.

### VIII. Admission Guidelines

# 1. Enrollment procedure and Payment of fees

- (1) Information regarding the enrollment procedure and other related items will be given to successful applicants.
  - (2) Payment of fees

Students who are supported by a Japanese Government Scholarship are exempted from both admission fee and tuition.

Admission fee	JPY 282,000	Students who received a Master's degree from Ibaraki University and intend to enter to the Doctoral course are exempted from the admission fee.
Tuition fee	JPY 267,900 per semester (JPY 535,800	
	annually)	

### Notes

- (a) If admission fees are revised, then you will be obligated to pay the revised amount before admission procedure.
- (b) If tuition fees are revised, then you will be obligated to pay the revised amount.
- (c) Full or part of financial aid is available to students for admission or tuition assistance. Financial aid eligibility is based on financial need and academic achievement, or for those who suffered from a natural disaster. For more details, please refer to the link below.

https://www.ibaraki.ac.jp/student/economicsupport/exemption/

(3) For those coming from abroad to enroll in the Graduate School, it might take some time to acquire residence status. Please check the procedure and the time required for the acquisition at the Embassy, etc. well in advance before deciding when to enroll.

(Reference) Website of the Ministry of Justice

http://www.moj.go.jp/EN/

# 2. Prerequisites for Program Completion

To complete the Doctoral program, it is necessary to acquire at least 14 credits required in every major, receive necessary supervision from supervisors, and then pass the dissertation review and the final examination.

Students who show remarkable academic achievement can complete the Doctoral program in a shorter period.

Students who complete the Doctoral program are conferred a Doctorate of Engineering, a Doctorate of Science, or Doctor of Philosophy depending on the thesis.

# Table: Faculty Members

Faculty members who can be potential supervisors and their corresponding "Admission office"

racuity memoers who can be potential supervisors	Admission office
Institute of Quantum Beam Science	
< Environmental Radiation Science>	
NAKAMURA Asako	Mito
TAUCHI Hiroshi	Mito
TORIKAI Yuji	Mito
YOKOYA Akinori	Mito
KINASE Sakae	Mito
MORIOKA Takamitsu	Mito
YAMAGUCHI Kenji	Mito
< Material Engineering and Quantum Science>	,
FUKUI Takahiro	Mito
*1 IGA Fumitoshi	Mito
IKEDA Teruyuki	Hitachi
IWAMOTO Chihiro	Hitachi
KUWAHARA Keitaro	Mito
MINATO Atsushi	Hitachi
NAKAGAWA Naoko	Mito
NISHI Tsuyoshi	Hitachi
SAKAGUCHI Makoto	Mito
SASAJIMA Yasushi	Hitachi
SATO Shigeo	Hitachi
SUZUKI Tetsuya	Hitachi
YOKOYAMA Makoto	Mito
HYAKUTAKE Yoshifumi	Mito
IWASE Kenji	Hitachi
NISHINO Souichiro	Hitachi
SATO Naoyuki	Hitachi
NAKANO Takehito	Mito
HIRADE Tetsuya	Mito
KAGAWA Hiroyuki	Hitachi
< Quantum Chemistry and Biochemistry>	
EGUCHI Mika	Hitachi
FUJISAWA Kiyoshi	Mito
FUKUMOTO Hiroki	Hitachi
KOBAYASHI Yoshio	Hitachi
*2 KOHZUMA Takamitsu	Mito
MORI Seiji	Mito
MORIKAWA Atsushi	Hitachi
NISHIKAWA Hiroyuki	Mito

OTOMO Seiu	Mito
SATO Itaru	Mito
UNNO Masaki	Hitachi
YAMAGUCHI Akira	Mito
YAMAUCHI Satoshi	Hitachi
KITANO Takashi	Hitachi
NAKASHIMA Kouichi	Hitachi
SHOUMURA Yasuhito	Hitachi
WATANABE Masayuki	Mito
< Beamline Science>	11110
IWASA Kazuaki	Mito
KOIZUMI Satoshi	Hitachi
KINOSHITA Toyohiko	Hitachi
KUNIEDA Satoshi	Hitachi
TSUTSUI Satoshi	Hitachi
METOKI Naoto	Mito
MORI Kazuhiro	Hitachi
OHYAMA Kenji	Hitachi
OKU Takayuki	Mito
TANAKA Ichiro	Hitachi
ABE Hitoshi	Mito
IINUMA Hiromi	Mito
HOSHIKAWA Akinori	Hitachi
KONDO Yasuhiro	Mito
SATO Tetsuya	Mito
HIGO Yuji	Hitachi
HOSHINO Masato	Hitachi
HOSOYA Takaaki	Hitachi
MAEDA Tomoki	Hitachi
WALDA TOHOKI	Tittaciii
Institute of Complex Systems Science	
< Mathematics and Mathematical Information Science>	
*1 KIMURA Makoto	Mito
FUJIMA Shoichi	Mito
MURASHIGE Sunao	Mito
SHIMOMURA Katsunori	Mito
WATANABE Shinya	Mito
HASEGAWA Takehisa	Mito
*2 OHTSUKA Fumiko	Mito
SUZUKI Kanako	Mito
< Functional Systems Science >	,
KANOU Kouki	Mito
KITADE Osamu	Mito

KIM Haeng-Boo	Mito
NODA Satoko	Mito
FUKAYA Norihisa	Mito
KAGOSHIMA Hirotaka	Mito
MOROOKA Fuki	Mito
OHASHI Akira	Mito
OIKAWA Shimpei	Mito
SHIMAZAKI Yuichi	Mito
< Space and Global Environmental Systems Science>	,
HASHIZUME Ko	Mito
KAWAHARA Jun	Mito
KITA Kazuyuki	Mito
KOARAI Mamoru	Mito
MOMOSE Munetake	Mito
OKADA Makoto	Mito
TURIBE Toru	Mito
YONEKURA Yoshinori	Mito
*2 YOSHIDA Tatsuo	Mito
FUJIYA Wataru	Mito
HASEGAWA Takeshi	Mito
KATAGIRI Hideaki	Mito
NOZAWA Satoshi	Mito
WAKAZUKI Yasutaka	Mito
< Industrial Production Systems>	
SHIMIZU Jun	Hitachi
ZHOU Libo	Hitachi
OZEKI Kazuhide	Hitachi
NAKAMURA Masashi	Hitachi
< Material Systems>	
KURAMOTO Shigeru	Hitachi
SHIMAKAGE Hisashi	Hitachi
UDONO Haruhiko	Hitachi
WADA Tatsuaki	Hitachi
AONO Tomosuke	Hitachi
*1 KURUMADA Akira	Hitachi
KOMINE Takashi	Hitachi
< Measurement and Control Systems>	
INUI Masatomo	Hitachi
IWAJI Yoshitaka	Hitachi
*1 MASUZAWA Toru	Hitachi
MICHITSUJI Yohei	Hitachi
MORI Yoshikazu	Hitachi
NAGAYAMA Kazuaki	Hitachi
YOH Shikoh	Hitachi
L	1

ONUKI Teppei	Hitachi
FUKUOKA Yasuhiro	Hitachi
< Power Energy Systems>	macm
INAGAKI Terumi	Hitachi
TANAKA Kotaro	Hitachi
TANAKA Nobuatsu	Hitachi
YANAGIDAIRA Takeshi	Hitachi
NISHI Yasuyuki	Hitachi
SAKAI Yasuyuki	Hitachi
UNO Masatoshi	Hitachi
LI Yanrong	Hitachi
HAMADA Kazuya	Hitachi
THIM IST Hazaya	TITALOTTI
Institute of Society's Infrastructure Systems < Basic Social Infrastructure>	Science
SHINNOU Hiroyuki	Hitachi
SUZUKI Tomoya	Hitachi
FIJIYOSHI Akio	Hitachi
UMEZU Nobuyuki	Hitachi
<ul><li>Urban and Environmental Systems&gt;</li></ul>	maciii
ENOMOTO Tadao	Hitachi
FUJITA Masafumi	Hitachi
HARADA Takao	Hitachi
KUMAZAWA Takayuki	Hitachi
*2 KOBAYASHI Kaoru	Hitachi
KUWAHARA Yuji	Hitachi
NOBUOKA Hisamichi	Hitachi
TONOOKA Hideyuki	Hitachi
*2 TSUBOI Kazuhiro	Hitachi
YOKOKI Hiromune	Hitachi
KURUMATANI Mao	Hitachi
TSUJIMURA Sohei	Hitachi
HIRATA Terumitsu	Hitachi
Information and Telecommunication Systems>	maciii
HABUCHI Hiromasa	Hitachi
KAMADA Masaru	Hitachi
MIYAJIMA Teruyuki	Hitachi
NAKA Akira	Hitachi
TAKEDA Shigeki	Hitachi
UEDA Yoshikazu	Hitachi
YOKOTA Hirohisa	Hitachi
YONEYAMA Kazuki	Hitachi
KIMURA Takayuki	Hitachi
IMINIOINA IARAYURI	TITTACIII

SODA Naoya	Hitachi
UNO Katsuhiro	Hitachi
WANG Xiaoyan	Hitachi
MATUI Takashi	Hitachi

- \*1 Scheduled to retire in March 2025
- \*2 Scheduled to retire in March 2026

### 茨城大学大学院理工学研究科博士後期課程

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

# 入 学 志 願 票 Application Form for Admission

	提出日	∃ Filing date:月(Mo	nth)	目(Date)		年(Year)
入学区分 Desired date of enrollment	2023年9月21日	(September 21, 2023	)	受験番号 Examinee No.	*	
選抜区分 Category of selection	□ 一 般			Working Applicar	nts	
フリガナ						□ 男 Male
氏 名 Name					性別 Sex	□ 女 Female
生年月日 Date of birth	月(Month)	日(Date) 年	(Year)	_ (Age	歳)	
志望専攻名 Desired major						
志望指導教員名 Expected supervisor						
文部科学省奨学金申請予定 MEXT Scholarships plan		留学生の奨学金に申記 apply for Japanese G			o:MEXT	) Scholarships.
出身校			_ 大学 Universi _ 学部 Faculty/0 _ 学科 Departm	College	Date	を of (expected) duation 年(西暦) Year 月 Month
School attending/attended			大学大学 Universi 研究科 Graduate 専攻(他	学院 ty	Date Grad	・修了見込 of (expected) duation 年(西暦) Year 月 Month
	〒 −	Phone	E-n	nail	•	
現住所 Present address		1				
合格通知書等の 受信場所	〒 –	Phone	E-n	nail		
Address for notification of the application results			1			

- 注意 Note 1. ※印欄は、記入しないでください。※ Leave blank.
  - 2. 「合格通知書等の受信場所」は、入学決定までの通知を受ける場所を記入し、変更した場合は、速やかに届け出てください。When the address for notification of the application results is changed, please immediately inform the Admission Office of the College of Science/Engineering of Ibaraki University.
  - 3. 志望指導教員には、事前に連絡を取っておいてください。 Please contact in advance the expected supervisor.

# 履歴書

# **Curriculum Vitae**

入学区分 Desired date of enrollment	2023 年 9 月 21 日 (September 21, 2023)			受験番号 Examinee No.	*	*		
氏 名 Name			性別 Sex					
	小学校名 Name of Elementary School		卒業 Graduated	自 From	至 To		在学年数 Period of Attendance	
			卒業見込 Expect to Graduate	年 月 Year Month	在 Ye	E 月 ar Month	年 Years	
	中学校名 Name of Secondary School		卒業 Graduated	自 From	至 To		在学年数 Period of Attendanceg	
			卒業見込 Expect to Graduate	年 月 Year Month	Æ Ye	戶 月 ar Month	年 Years	
学歴	高等学校名 Name of Upper Secondary School		卒業 Graduated	自 From	至 To		在学年数 Period of Attendance	
Educational background			卒業見込 Expect to Graduate	年 月 Year Month	<u>f</u> Ye	E 月 ar Month	年 Years	
	大 学名 Name of University or Equivalent		卒業 Graduated	自 From	至 To		在学年数 Period of Attendance	
			卒業見込 Expect to Graduate	年 月 Year Month	4 Ye	E 月 ar Month	年 Years	
	大学院名 Name of Graduate School		卒業 Graduated	自 From	至 To		在学年数 Period of Attendance	
			卒業見込 Expect to Graduate	年 月 Year Month	Æ Ye	戶 月 ar Month	年 Years	
	勤務先名 Name of company or employer			自 From	至 To		在職年数 Period of Employment	
職 歴 Employment record				年 月 Year Month	生 Ye	E 月 ar Month	年 Years	
	勤務先名 Name of company or employer			自 From	至 To		在職年数 Period of Employment	
				年 月 Year Month		F 月	年 Years	
	勤務先名 Name of company or employer			自 From	至 To		在職年数 Period of Employment	
				年 月 Year Month		E 月 ar Month	年 Years	

注意 Note 1. 外国の大学を卒業又は大学院を修了 (見込) の者<u>以外の者は、高等学校入学時から</u>記入してください。 Unless the applicant graduated from a foreign university or is expected to graduate a foreign graduate school, please fill the educational background after the graduation of the secondary school.

2. 虚偽の記載をした場合は、入学を取り消すことがあります。 False statement may disqualify your application.

### 茨城大学大学院理工学研究科博士後期課程

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

# 受 験 票 Admission Slip for Examination

入学区分 Desired date of enrollment	2023年9月21日 (Septemb	受験番号 Examinee No.	*		
選抜区分 Category of selection	□ 一 般 選 抜 □ 社 会 人 特 別 選 抜 □ 外国人留学生特別選抜		- 11		
志望専攻 Desired Major					専 攻 Major
フリガナ				□ 男 Male	
氏 名 Name				□ 女 Female	
試験場 Examination room		□ 水戸キャンパス] □ 日立キャンパス] □ 東海サテライト	Hitachi campus	ellite campus	

茨城大学大学院理工学研究科博士後期課程

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

# 写 真 票 Applicant's Photograph

入学区分 Desired date of enrollment	2023年9月21日 (September 21, 2023)			写真・Photo <sup>E</sup> 4cm × 横 3cm
選抜区分 Category of selection	□一 般 選 抜 General Category □社会人特別選抜 Special Category for □外国人留学生特別選抜 Foreign Student Adm	0 11	写』 を言 Wri	真のウラに氏名 己入すること te your name on
受験番号 Examinee No.	*		the	back of the photo
志望専攻 Desired Major		専 攻 Major		
フリガナ		□ 男 Male		
氏 名 Name		□ 女 Female		

### 注意 Note

- 1. ※印欄は、記入しないでください。※ Leave blank.
- 2. 氏名は、住民票又はパスポートのとおり記入してください。

Name must be as given in the Resident Certificate or Passport.

3. 写真は、縦4 c m × 横3 c m正面上半身無帽で、出願3か月以内に撮影したもの。 Photograph must be 3 cm × 4 cm in size and taken within 3 months before submission of the form.

# 修士学位論文要旨または研究経過報告書 Summary of Master's Thesis or Progress Report of Master Program Research

入学区分 Desired date of enrollment	2023年9月21日 (Septemb	er 21	, 2023)	受験番号 Examinee No.	*
選抜区分 Category of selection	□社会人特別選抜	Spe	neral Category ecial Category for eign Student Adm	Working Applicants ission	
氏 名 Name			志望専攻名 Desired Major		
			注 Note ※F	印欄は、記入しないて	ごください。 ※ Leave blank.

氏 名 Name	志望専攻名 Desired Major	受験番号 Examinee No.	*
Name	Desired Major	Examinee No.	

# 研究及び業務上の業績調書 Research and Career Achievement Records

入学区分 Desired date of enrollment	2023年9月21日 (September 21,	20231	受験番号 Examinee No.	*
選抜区分 Category of selection	□ 一 般 選 抜 Gend □ 社 会 人 特 別 選 抜 Spec □ 外国人留学生特別選抜 Fore			3
氏 名 Name		志望専攻名 Desired Major		

◎ 下記の事項を横書で記入してください。(鉛筆使用不可)

Please fill in the following information. Please do not use a pencil when filling this form.

- 1. 学術論文・研究報告・特許等の名称。 Scientific publications Research reports Numbers of patents
- 2. 発行又は発表年月。 Year of publication or presentation.
- 3. 発行所、発表雑誌等又は発表学会等の名称。 Name of publishers, scientific journals or conferences
- 4. 全著者名。 Names of all authors.
- 5. その他。 Other information.

-1,1-	44	 77.4	 274	17-5-	TIII	<u> </u>	77.7	7'11'	7 <sup>1</sup> 13	<b>1</b> N			

茨 城 大 学 大 学 院 理 工 学 研 究 科 The Graduate School of Science and Engineering, Ibaraki University

注 Note 1. 用紙が不足する場合は、コピーして使用してください。 Additional sheets of paper may be attached if necessary.

2. ※印欄は、記入しないでください。 ※ Leave blank.

# 研究計画書

# Research Plan

No.1 入学区分 受験番号 2023 年 9 月 21 日 (September 21, 2023) \* Desired date of Examinee No. 般 選 抜 General Category □社会人特別選抜 Special Category for Working Applicants □外国人留学生特別選抜 Foreign Student Admission 志望専攻名

enrollment 選抜区分 Category of selection 氏 名 Name Desired Major 注 Note ※印欄は、記入しないでください。 \* Leave blank.

# 宛名票 Address Slip

# 注意 Caution

合格通知書・入学手続書類等の郵送に利用します。 住所は必ず受け取ることのできる場所を記入してく ださい。

Please fill in the address where you wish to receive the Result Notification Notice and other admission related documents.

氏名は必ず志願者本人の名前を記載してください。 Name must be the name of applicant him/herself.

必ず全ての宛名票を記入してください。 Please fill in all of Address Slips.

郵便番号 Postal code:
住所 Address:
名前 Name:
受験番号 Examinee's No: ※ ※この欄は記入不要です。Leave blank.

郵便番号 Postal code:	郵便番号 Postal code:
住所 Address:	住所 Address:
名前 Name:	名前 Name:
受験番号 Examinee's No: ※	受験番号 Examinee's No:※
※この欄は記入不要です。Leave blank.	※この欄は記入不要です。Leave blank.

### 茨城大学大学院理工学研究科博士後期課程

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

# 入学試験出願資格認定審查申請書 Application Form for Applicant's Eligibility

	提出日 Filing date:月(Month) 日(Date)						年(Year)			
入学区分 Desired date of enrollment	2023年9月21日	(September 21, 2	2023)	受験番 Examinee		(記入不到	要 ※Leave Blank			
選抜区分 Category of selection	<ul><li>□ 一 般</li><li>□ 社 会 人 特</li><li>□ 外国人留学生</li></ul>	別選抜 Speci		y / for Working Ap Admission	plicants					
フリガナ						사	□ 男 Male			
氏 名 Name						性別 Sex	□ 女 Female			
生年月日 Date of birth	月(Month)	日 (Date)	年(Y	(A	\ge	歳)				
志望専攻名 Desired major										
志望主要研究分野 又はコース Desired research field or course										
志望指導教員名 Expected supervisor										
出 身 校 School attending/attended 高等教育段階の学校を			学音 Fact 学系	versity ß ulty			卒業見込 f (expected) ation 年(西暦) Year 月 Month			
卒業していない場合は 記入不要です。 An applicant who did not graduate from a school of the higher education level may not fill in this column.			Uni 研タ Gra 専习	生大学院 versity E科 duate school な(修士・博士) or of master's pr			修了見込 f (expected) ation 年(西暦) Year 月 Month			
勤務先 Name of company or employer										
現 住 所 Present address	〒 −	Phone		E-mail						
認定通知書等の 受信場所 Result notification address	〒 −	Phone		E-mail						

注意 Note 1. 「認定通知書等の受信場所」は、入学決定までの通知を受ける場所を記入し、変更した場合は、速やかに届け出てください。

If there are any changes in the result notification address, please inform the University immediately.

2. 志望指導教員には、事前に連絡を取っておいてください。

Please contact in advance the expected supervisor.

# 入学試験出願資格認定審查調書 Summary of Previous Research Activities

フリガナ 氏 名 Name			受験番号 Examinee No.	*		
現 職 Present Position	生年月日 Date of Birth	月(Month	n) 目(Date)	年(Year)	(Age	歳)

学 歴・Educational background						
自 年/月 ~ 至 年/月 Year/Month ~ Year/Month	事 項・Names of schools attended					
/ ~ /						
/ ~ /						
/ ~ /						
/ ~ /						
/ ~ /						
/ ~ /						

職 歴 (研究・	開発等の業務内容がわかるように詳しく記入すること。)						
Employment records (Fill in details about research and development employment)							
自 年/月~至 年/月 Year/Month~Year/Month	事項·Names of Companies/Institutions, subjects of research and development						
/ ~ /							
/ ~ /							
/ ~ /							
/ ~ /							
/ ~ /							
/ ~ /							

学会及び社会における活動等・Scientific Society and Social Activities							
自 年/月~至 年/月 Year/Month~Year/Month	事 項·Matters engaged						
/ ~ /							
/ ~ /							
/ ~ /							
/ ~ /							
/ ~ /							
/ ~ /							

注意 Note ※印欄は、記入しないでください。※ Leave blank.

# 茨城大学大学院理工学研究科博士後期課程

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

# 出願資格認定審査に関する志望指導教員による意見書 Written Statement of Expected Supervisor for Applicant's Eligibility

	令和	年	月	日
理工学研究科博士後期課程委員会 委員長 殿				
志望指導教員専攻  理工学研究科博士後期	課程			専攻
志望指導教員職位・氏名				fī
被審査者氏の出願資格認定審査について、下記の通り意見書を提出致しま	す。			
記				
基礎資格大学学部学科 卒業 その他資格 卒業・修了				
意見記入欄(※1)				

※1 出願資格認定審査においては、修士の学位又は専門職学位を有する者と同等以上の学力があるか否かを出願前に審査します。博士後期課程委員会においては、このことについて審議します。従って、被審査者が、修士の学位又は専門職学位を有する者と同等以上の学力があると判断する理由を記載してください。

以上

# 在職期間証明書 Certificate of Professional Career / Employment

	現 Preso	住 ent Addi	所 〒 ress ——	_			
		è 者 氏 of Appli					
入学区分 Desired date of enrollment	2023年9月21日 (September 21, 2023)				受験番号 xaminee No.	*	
選抜区分 Category of selection	□一 般 選 抜 General Category □社会人特別選抜 Special Category for Working Applicants □外国人留学生特別選抜 Foreign Student Admission						
			注 Note	※印欄は、	記入しないて	 ごください。	* Leave blank
			Month _	月	Date	日/ Year _	年
所属機関名( Name of Institut							
職 Position of A	種 Applicant						
在職期間 又は 在職した期間 Period in employment		自 Since	月 Month	日 Date	年 / Yea		~
		至 Until	月 Month	日 Date	年 /Y	Year	_
		所(所在 ss of Instit	地) 〒 ution/company ——	_			
		務 先 of institution	名 /company or em —	ployer			
	職 P o	s i t i	名 o n				
	氏 Name	(Signatu	名 re)				<b>(</b>

# 下記のコンビニ端末にてお支払いください (インターネット登録不要)

1

お申込み

# マルチコピー機 https://www.sej.co.jp 最寄りの「セブン-イレブン」にある 「マルチコピー機」へ。 TOP画面の「学び・教育」より お申込みください。 マルチュニーで関係サービスをランスがしてではい。 デジ・教育 サブ・教育 人学検定料等支払





茨城大学大学院

をタッチし、申込情報を入力して「払込票/申込券」を発券ください。



\*画面ボタンのデザインなどは予告なく変更となる場合があります。

①コンビニの**レジ**でお支払いください。

端末より「払込票」(マルチコピー機)または「申込券」(Loppi、マルチコピー機)が出力されますので、30分以内にレジにてお支払いください。



\*出願期間最終日の支払受付時間は15時までとなります。 \*お支払い済みの入学検定料はコンビニでは返金できません。 \*お支払期限内に入学検定料のお支払いがない場合は、入力された情報はキャンセルとなります。

\*すべての支払方法に対して入学検定料の他に、払込手数料が別途かかります。

 
 払込手数料 (税込)
 入学検定料が5万円未満
 440円

 入学検定料が5万円以上
 660円

(セブン-イレブン、ローソン、ミニストップ)



②お支払い後**チケットとレシート**の2種類を お受け取りください。

「取扱明細書」(マルチコピー機)または 「取扱明細書兼領収書」(Loppi)。







②お支払い後受領書(レシート)をお受け取りください。





-

「取扱明細書」または「取扱明細書兼領収書」の

「収納証明書」部分を切り取り、他の出願書類とともに提出してください。

受領書(レシート)を 他の出願書類とともに提出して ください。

3

出

願

お支払

# How to Pay the School Entrance Examination Fee at a Convenience Store

# [1] Request to Make a Payment

Franchise: 7-Eleven Kiosk: Multi-purpose copier

Process: From the main screen select: [学び・教育] (Learning/Education)

[入学検定料等支払] (Pay fees such as the school entrance examination fee)

Franchise: Lawson, Mini Stop

Kiosk: Loppi

Process: From the main screen select: [各種サービスメニュー] (Menu for various services)

Then choose the button that includes: [各種申込 (学び)] (Applications (learning))

[学び・教育・各種検定試験] (Learning/Education/Official Examinations)

[大学・短大、専門、小・中・高校等お支払い]

Make a payment to a university, junior college, vocational school, elementary/junior high/high school, etc.)

Franchise: FamilyMart

Kiosk: Multi-purpose copier

Process: From the main screen select: [保険/学び・教育] (Insurance/Learning/Education)

[学び・教育] (Learning/Education)

[大学・短大・大学院入学検定料支払いサービス] (University, junior college, or graduate school entrance examination fees payment service)



Tap [ 茨城大学大学院 (Ibaraki University Graduate School)] and enter your application information to have a "払込票/申込券(payment slip/request ticket)" issued to you.



### [2] Make a Payment

Please make a payment with the convenience store cashier.

o The kiosk will print a "払込票 (payment slip)" from multi-purpose copiers, or a "申込券 (request ticket)" at Loppi and multi-purpose copiers. Please make your payment with the cashier within 30 minutes of receiving your payment "slip/request ticket".

[7-Eleven, Lawson, Mini Stop]

o After making the payment, please obtain a ticket (a "取扱明細書 (handling statement)" from multi-purpose copiers or a "取扱明細書兼領収書 (handling statement/receipt)" at Loppi) and a receipt.

[FamilyMart]

- o After making the payment, please obtain a "受領書(receipt)".
  - \* Payments are not accepted after 15:00 JST on the final day of the application period.
  - \* The school entrance examination fee that has been paid cannot be refunded at the convenience store.
  - \* The information entered will be voided if you do not pay the school entrance examination fee within the payment period.
  - \* In addition to the school entrance examination fee, money transfer fee for applying is necessary, regardless of payment method.

<Payment Fees> For school entrance examination fees of less than ¥50,000: ¥440(with tax) For school entrance examination fees of ¥50,000 or more: ¥660(with tax)



### [3] Submit an Application

[After making a payment at 7-Eleven, Lawson, or Mini Stop]

- o Please detach the "収納証明書 (receipt certificate)" portion from the "取扱明細書 (handling statement)" or "取扱明細書兼 領収書 (handling statement/receipt)" and submit it along with your application documents.
  - [After making a payment at FamilyMart]
- o Please submit "受領書(receipt)" along with your application documents.