NAGOYA UNIVERSITY

PROFILE 2021

MAKE NEW STANDARDS.
東海国立大学機構

NAGOYA UNIVERSITY

CONTENTS

Greetings from the President

Nagoya University, founded in 1939 as the seventh Imperial University, is located in the Tokai Region, which is one of Japan's most dynamic industrial areas. Nagoya University has a total of 16,000 students, of which 2,700 are international students. In 2018, Nagoya University was accredited as one of five "Designated National Universities", a designation granted to Japan's top national universities that are expected to develop world-class education and research. In 2020, Nagoya University joined together with Gifu University to establish the Tokai National Higher Education and Research System (THERS), which has enabled Nagoya University to tackle social and human issues on a larger scale. In this way, Nagoya University has continued to change, contribute to society, and take on further challenges.

With a free and open-minded academic culture, Nagoya University has achieved a variety of cutting-edge research and outstanding results, and the University is home to six excellent researchers who have won Nobel Prizes in the 21st century. Thanks to this academic culture, Nagoya University has produced many talented leaders in industry and government, both domestically and internationally. The University also offers unique educational programs, such as a program in automotive engineering, and we have accelerated our drive toward internationalization by developing Joint Degree Programs that meet global standards. We are a future-oriented university, and our goal is to foster talented individuals who have high aspirations to contribute to society, possess deep specialized knowledge and broad perspectives, and are able to exhibit leadership in various fields.

While innumerous challenges await us on our path to the future, I believe that, together with people from all parts of society, we can continue moving forward with courage and contribute to creating a Japan, and a world, that is bright and full of hope.

Dr. Seiichi MATSUO
President
Nagoya University

History of Nagoya University

From the Past to the Future

1939 Nagoya University founded as a National University

2004 Incorporated as a National University Corporation

2018 Selected as a Designated National University Corporation by MEXT (The Ministry of Education, Culture, Sports, Science and Technology)

2020 Tokai National Higher Education and Research System (THERS) established by merging two national university corporations into one new university corporation model

Future

By raising our international competitiveness and contributing to regional innovation, we strive to boldly tackle the challenges facing us today and tomorrow.

About the Tokai National Higher Education and Research System

Nagoya University and Gifu University integrated in 2020 to form THERS. Together, we enhance our competitiveness and contribute to the well-being and prosperity of the local community.

About Designated National University Corporations

Nagoya University was selected as a Designated National University by MEXT in 2018. Designated universities are expected to play a role in promoting national university reform and to actively spread their influence on social and economic development as well as the specific achievements of their programs.

Please visit our website for more information.

The University in Figures

Students

15,771

Undergraduate Students	9,565
International Students	271
Postgraduate Students	6,206
International Students	1,632

Schools, Graduate Schools, Institutes

57

Schools	9
Graduate Schools	13
Research Institutes and Centers	35

Nobel Laureates

6

Nobel Prize in Physics
Dr. Isamu AKASAKI (2014)

Nobel Prize in Physics
Dr. Hiroshi AMANO (2014)

Nobel Prize in Physics
Dr. Toshihide MASKAWA (2008)

Nobel Prize in Physics
Dr. Makoto KOBAYASHI (2008)

Nobel Prize in Chemistry
Dr. Osamu SHIMOMURA (2008)

Nobel Prize in Chemistry
Dr. Ryoji NOYORI (2001)

As of May 1st, 2021

Staff

5,551

Professors	623
Associate Professors	503
Lecturers, Researchers and others	545
Administrative Staff	3,880

Campuses

835,737

Higashiyama Campus	698,137m^2
Tsurumai Campus	89,137m^2
Daiko Campus	48,463m^2

Partner Institutions

60/473

countries institutions

International Exchange

Inbound **2,326**

Outbound **25**

Inbound 2,696
Outbound 1,090
As of May 1st, 2020

Libraries

27

collection

3,364,633

Partner Institutions / International Liaison Offices / Academic Consortia

Consortia

AC21

NU has been serving as General Secretariat of this international consortium comprised of 15 world-leading education/research institutions since its establishment in 2002.

MIRAI

Under the leadership of NU and University of Gothenburg, MIRAI promotes collaborative research between Sweden and Japan, cultivating young researchers' minds for tomorrow.

RENKEI

RENKEI consists 12 Japanese and UK universities to promote strategic multilateral collaboration among academia, industry, government and society through education and research.

International organizations, etc. (Other) 7

APRU

An association that brings together leading universities in Asia-Pacific region to exchange ideas and collaborate toward effective solutions to the challenges of the 21st century.

UBIAS

NU plays a major role in UBIAS, an international network of 48 university-based institutes for advanced study, which aims at promoting outstanding research through fellowships and interdisciplinary workshops.

Schools / Graduate Schools

Schools (Undergraduate Courses)

School of Humanities
- Department of Humanities

School of Education
- Department of Human Developmental Sciences

School of Law
- Department of Law and Political Science

School of Economics
- Department of Economics
- Department of Business Administration

School of Informatics
- Department of Natural Informatics
- Department of Human and Social Informatics
- Department of Computer Science

School of Science
- Department of Mathematics
- Department of Physics
- Department of Chemistry
- Department of Biological Science
- Department of Earth and Planetary Sciences

School of Medicine
- Department of Medicine
- Department of Health Sciences

School of Engineering
- Chemistry and Biotechnology
- Physical Science and Engineering
- Material Science and Engineering
- Electrical Engineering, Electronics, and Information Engineering
- Mechanical and Aerospace Engineering
- Energy Science and Engineering
- Civil Engineering and Architecture

School of Agricultural Sciences
- Department of Bioenvironmental Sciences
- Department of Bioresource Sciences
- Department of Applied Biosciences

Graduate Schools (Graduate Courses)

Graduate School of Humanities
- Department of Humanities

Graduate School of Education and human Development
- Department of Educational Sciences
- Department of Psychology and Human Developmental Sciences

Graduate School of Law
- Department of the Combined Graduate Program in Law and Political Science
- JD Program for Legal Practice (Nagoya University Law School)

Graduate School of Economics
- Department of Socio-Economic Systems
- Department of Industrial Management Systems

Graduate School of Informatics
- Department of Mathematical Informatics
- Department of Complex Systems Science
- Department of Social Informatics
- Department of Cognitive and Psychological Sciences
- Department of Computing and Software Systems
- Department of Intelligent Systems

Graduate School of Science
- Division of Particle and Astrophysical Science
- Division of Material Science
- Division of Biological Science
- International Collaborative Programme in Science between the University of Edinburgh and Nagoya University

Graduate School of Medicine

- Doctor of Medical Science
  - Program in Integrated Medicine
    - Division of Basic Medicine
    - Division of Clinical Medicine
    - Division of Clinical Pharmacology
  - International Collaborative Program in Comprehensive Medical Science between Nagoya University and University of Adelaide
  - International Collaborative Program in Comprehensive Medical Science between Nagoya University and Lund University
  - International Collaborative Program in Comprehensive Medical Science between Nagoya University and University of Freiburg
- Master's Course
  - Program in Medical Science
  - Program in Medical Science, Healthcare Administration Course
- Program in Nursing
- Program in Radiological and Medical Laboratory Sciences
- Program in Physical and Occupational Therapy

Graduate School of Engineering

- Molecular and Macromolecular Chemistry
- Materials Chemistry
- Biomolecular Engineering
- Applied Physics
- Materials Physics
- Materials Design Innovation Engineering
- Materials Process Engineering
- Chemical Systems Engineering
- Electrical Engineering
- Electronics
- Information and Communication Engineering
- Mechanical Systems Engineering
- Micro-Nano Mechanical Science and Engineering
- Aerospace Engineering
- Energy Engineering
- Applied Energy
- Civil and Environmental Engineering

Graduate School of Bioagricultural Sciences

- Department of Forest and Environmental Resources Sciences
- Department of Plant Production Sciences
- Department of Animal Sciences
- Department of Applied Biosciences
- International Collaborative Program in Agricultural Science between Nagoya University and Kasetsart University
- International Collaborative Program in Agricultural Science between Nagoya University and The University of Western Australia

Graduate School of International Development

- Department of International Development and Cooperation

Graduate School of Mathematics

- Division of Mathematics

Graduate School of Environmental Studies

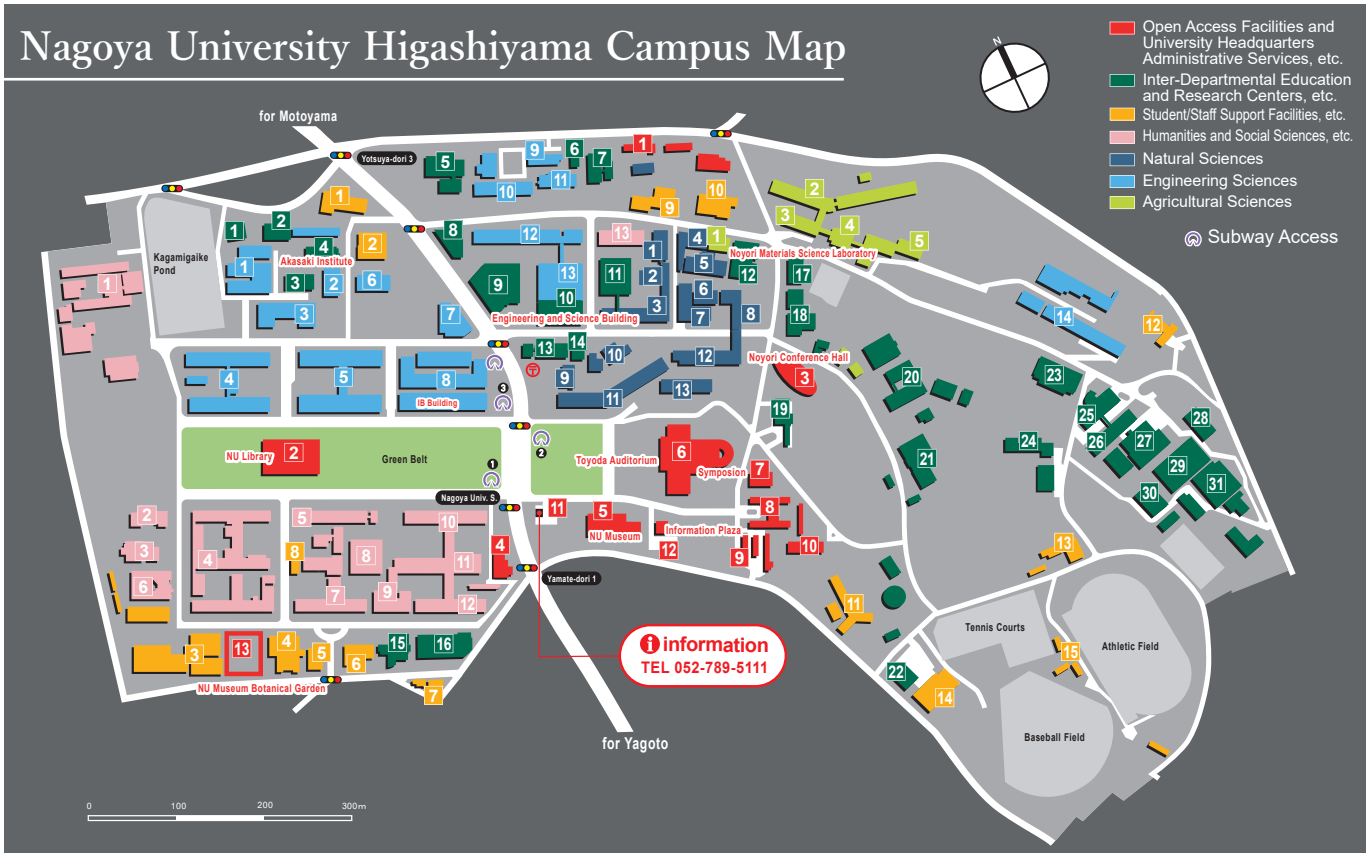
- Department of Earth and Environmental Sciences
- Department of Environmental Engineering and Architecture
- Department of Social and Human Environment

Graduate School of Pharmaceutical Sciences

- Department of Basic Medicinal Sciences

Campus Map

Nagoya University Higashiyama Campus Map



Open Facilities

- 11 Information
- 5 NU Museum (Furukawa Hall)
- 2 NU Library (Central Library)
- 4 Akasaki Institute
- 8 Disaster Mitigation Research Building
- 12 Information Plaza
- 13 NU Museum Botanical Garden
- 10 2008 Nobel Prize Exhibition Hall (E and S Building)
- 12 Chemistry Gallery (Noyori Materials Science Laboratory)
- 4 Gender Research Library

Convention Facilities

- 6 Toyoda Auditorium / Symposion
- 8 Conference Hall (Integrated Research Bldg. for Humanities and Social Sciences)
- 7 Sakata and Hirata Hall (Science South Building)
- 8 Lecture Hall (IB Building)
- 7 Okuma Hall (Okuma Machine Tool Engineering Building)
- 3 Noyori Conference Hall
- 11 Kitan Hall (Law and Economics Shared Facilities Building)
- 13 E and S Hall (E and S Building)
- 16 Asian Community Forum (Asian Legal Exchange Plaza)

University Headquarters : Administrative Services

- 7 University Headquarters Building 1
- 10 University Headquarters B
- 9 Graduate School of International Development
- 9 National Innovation Complex (NIC)
- 8 University Headquarters Building 2
- 9 University Headquarters Building 4
- 19 Student Support Building

Schools / Graduate Schools : Administrative Services

- 8 Administrative Office, Humanities and Social Sciences
- 8 Administrative Office, Science / Mathematics
- 8 Administrative Office (Educational Affairs), Engineering
- 13 Admin.Office, Environmental Studies Research Ctr.
- 26 Administrative Office, Research Institutes
- 4 Administrative Office, Informatics
- 13 Administrative Office (General Affairs and Accounting), Engineering
- 3 Admin.Office, Agricultural Sciences / Bioagricultural Sciences
- 23 Admin.Office, Pharmaceutical Sciences / Cellular and Structural Physiology Institute
- 2 Administrative Office, NU Library

School of Humanities / Graduate School of Humanities / Graduate School of Letters / Graduate School of Languages and Cultures

- 5 School of Humanities / Graduate School of Humanities Building
- 4 Liberal Arts and Sciences Main Building
- 9 Graduate School of International Development Building
- 3 Humanities Building
- 8 Integrated Research Bldg. for Humanities and Social Sciences

School of Education / Graduate School of Education and Human Development

- 7 School of Education / Graduate School of Education and Human Development Bldg.
- 1 Affiliated Upper and Lower Secondary Schools

School of Law / Graduate School of Law

- 12 School of Law / Graduate School of Law (Law and Economics Shared Facilities Bldg.)
- 6 Law School
- 16 Asian Legal Exchange Plaza

School of Economics / Graduate School of Economics

- 10 School of Economics / Graduate School of Economics (Law and Economics Shared Facilities Bldg.)

School of Informatics / Graduate School of Informatics / School of Informatics and Sciences / Graduate School of Information Science

- 6 Graduate School of Informatics Building
- 8 IB Building (Integrated Building)
- 9 National Innovation Complex(NIC)
- 4 Liberal Arts and Sciences Main Building
- 12 School of Science /Graduate School of Science,Building B

School of Science / Graduate School of Science

- 11 Building A
- 8 Building C
- 3 Building E
- 1 Building G
- 4 Science and Agricultural Building
- 5 Science Hall
- 12 Building B
- 6 Building D
- 2 Building F
- 9 Shared Facilities Building
- 7 Science South Building
- 10 Facilities for Low Temperature Research

School of Engineering / Graduate School of Engineering

- 13 Engineering and Science Building
- 3 Building 1
- 4 Building 3
- 14 Building 6
- 9 Building 8, North Wing
- 10 Building 9
- 2 Mechanical Engineering Building
- 7 Okuma Machine Tool Engineering Building
- 8 IB Building (Integrated Building)
- 5 Building 2
- 12 Building 5
- 6 Building 7, A Wing
- 11 Building 8, South Wing
- 1 Aerospace and Mechanical Engineering Building
- 8 Creation Plaza (IB Building)

School of Agricultural Sciences / Graduate School of Bioagricultural Sciences

- 2 Building A
- 4 Lecture Building
- 1 Science and Agricultural Building
- 5 Building B
- 3 Administration Building

Graduate School of International Development

- 9 Graduate School of International Development Building

Graduate School of Mathematics

- 13 Graduate School of Mathematics Building

Graduate School of Environmental Studies

- 13 Environmental Studies Hall
- 13 E and S Building
- 24 Common Building,Graduate School of Environmental Studies
- 4 Liberal Arts and Sciences Main Building
- 3 School of Science / Graduate School of Science, Building E

Graduate School of Pharmaceutical Sciences

- 23 Pharmaceutical Sciences Building
- 14 School of Engineering / Graduate School of Engineering, Building 6

Institute of Liberal Arts and Sciences

- 4 Liberal Arts and Sciences Main Building
- 2 Liberal Arts and Sciences Building A

Asian Satellite Campuses Institute

- 10 University Headquarters Building 3

Institute for Advanced Research

- 25 Institute for Advanced Research Hall

Institute of Transformative Bio-Molecules

- 11 ITbM

Research Center of Health, Physical Fitness and Sports

- 22 Research Center of Health, Physical Fitness and Sports
- 14 Health Administration Office

Institute of Innovation for Future Society

- 9 National Innovation Complex (NIC)
- 28 Materials Research Laboratory for Green Vehicle

Applied Social System Institute of Asia

- 11 Law and Economics Shared Facilities Bldg.

Kobayashi- Maskawa Institute for the Origin of Particles and the Universe (KMI)

- 10 Engineering and Science Building

Research Institutes / Inter-University Service Facilities

- 20 Research Institute of Environmental Medicine
- 27 Institute for Space-Earth Environmental Research (Research Institutes Building II)
- 27 Institute of Materials and Systems for Sustainability (Research Institutes Building II)
- 7 High Voltage Electron Microscope Laboratory
- 29 Center for Integrated Research of Future Electronics, Transformative Electronics Facilities (C-TEFs)
- 13 Information Technology Center
- 26 Institute for Space-Earth Environmental Research (Research Institutes Building I)
- 5 Institute for Space-Earth Environmental Research(Furukawa Hall)
- 5 Research Facility for Advanced Science and Technology
- 30 Research Laboratory Building
- 31 Center for Integrated Research of Future Electronics, Transformative Electronics Commons (C-TECs)

Inter-Departmental Education and Research Centers Other Facilities

- 1 NU Archives (University Headquarters Annex)
- 2 Information Media Studies System Center Laboratory
- 8 Center for the Studies of Higher Education
- 2 Center for Gene Research
- 8 IEEC Advising and Counseling Services (IB Building)
- 2 International Center for Research and Education in Agriculture
- 4 Akasaki Research Center
- 8 Disaster Mitigation Research Center
- 9 Academic Research and Industry-Academia-Government Collaboration (NIC)
- 15 International Education and Exchange Center
- 16 Center for Asian Legal Exchange
- 19 Student Counseling Center
- 17 Bioscience and Biotechnology Center
- 21 National Composites Center in Japan
- 1 Center for Gender Equality
- 4 Ability Support Center
- 7 Psychological Support and Research Center for Human Development
- 11 Synchrotron Radiation Research Center
- 14 Cellular and Structural Physiology Institute
- 1 Research Facility for Advanced Energy Conversion
- 6 Technical Center of Nagoya University Equipment Sharing Promotion Office
- 8 Disaster Management Office
- 9 Innovative Research Center for Preventive Medical Engineering
- 15 International Language Center
- 12 Research Center for Materials Science
- 19 Career Support Center
- 18 Radioisotope Research Center

Industry-Academia-Government Cooperation Facilities

- 2 Incubation Facility
- 28 Materials Research Laboratory for Green Vehicle
- 3 Venture Business Laboratory
- 9 National Innovation Complex(NIC)

Sports Facilities

- 3 Gymnasium / Indoor Swimming Pool
- 13 Training Camp Facility
- 14 New Gymnasium
- 15 Student Activities Complex Administration Building

Cafeterias / Shops

- 2 Starbucks Coffee
- 4 Pranzo
- 3 Craig's Cafe Seattle Espress
- 10 Restaurant Chez Jiroud
- 23 Labo Shop
- 8 8 Family Mart
- 5 NU CO-OP South - Cafeterias and Shops
- 9 Forest Dining Hall
- 4 CAFE BLANC
- 2 Restaurant Universal Club
- 4 reg reg
- 8 IB Café
- 9 Seattle Espress Cafe (NIC)
- 2 NU CO-OP North - Cafeterias and Shops
- 4 South Cafeterias
- 6 Amenity House
- 10 Green Salon Higashiyama
- 31 Cafe de MON CIRFE (C-TECs)

Other

- 14 Health Administration Office
- 7 NU Yakumo Hall
- 12 Researchers Village Higashiyama
- 1 Student Hall
- 11 International Residence Higashiyama

Nagoya University Tsurumai Campus Map

■Facilities

Graduate School of Medicine / School of Medicine

- A Medical Science Research Building 1
- B Medical Science Research Building 2
- C Medical Science Research Building 3
- D Basic Medical Research Building
- E Basic Medical Research Building Annex
- F Center for Research of Laboratory Animals and Medical Research Engineering (Division for Research of Laboratory Animals)
- G Medical Library / Co-op Cafeteria
- H Welfare Facility
- I Kakuyu Kaikan (Alumni Hall)

University Hospital

- 1 Outpatient Building
- 2 Central Consultation Building A
- 3 Central Consultation Building B
- 4 Ward Building
- 5 Residence for Nurses A
- 6 Residence for Nurses B
- 7 Oasis Cube (Welfare facility)
- ※ RMH Nagoya

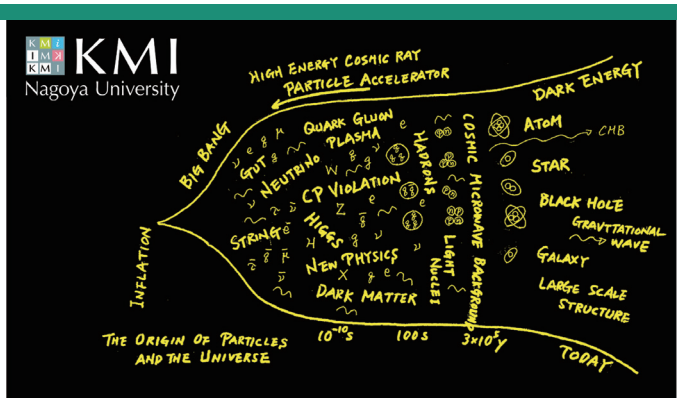
Nagoya University Daiko Campus Map

■Facilities

- 1 School of Health Sciences (Main Building)
- 2 School of Health Sciences (East Building)
- 3 School of Health Sciences (South Building)
- 4 Annex to School of Health Sciences
- 5 Energy Center
- 6 Research Building
- 7 Student Hall
- 8 Researchers Village Daiko
- 9 Work Support Office・Garage
- 10 Gymnasium
- 11 Tennis Courts
- 12 Ground
- 13 Kyudo (Japanese Archery) Hall
- 14 Daiko glass greenhouse
- 15 International Residence Daiko

Kobayashi-Maskawa Institute for the Origin of Particles and the Universe (KMI)

http://www.kmi.nagoya-u.ac.jp/eng/



Thermal history of the universe from the beginning to present.

Engineering and Science Building

Group photo at KMI Symposium 2019

The origin of matter and the universe is a subject that humanity has long pursued. The Kobayashi-Maskawa Institute for the Origin of Particles and the Universe (KMI) of Nagoya University, as an international research hub for particle physics and astrophysics, is challenging this proposition by gathering the wisdom of mankind across the boundaries of specialized fields, languages, and cultures.

At Nagoya University, there have been many outstanding achievements in this field, such as the two-meson theory, the Sakata model, and the Maki–Nakagawa–Sakata theory. Such achievements led to the establishment of the Kobayashi–Maskawa theory, for which Drs. Kobayashi and Maskawa were awarded the Nobel Prize in Physics in 2008. Also, various experimental research projects, conducted from the early stages, have produced first-class results, including the discovery of the charm quark and the tau neutrino, as well as confirmation of the Kobayashi–Maskawa theory by B-factory experiments. These are key experiments in establishing the Standard Model. With its rich history, Nagoya University has become a fertile ground for nurturing innovation and producing cutting-edge research.

KMI was established in 2010 to build an interdisciplinary research base for particle physics and astrophysics research at Nagoya University. At present, KMI researchers lead the world in theoretical research that goes beyond the Standard Model of particle physics. In addition, KMI researchers play a central role in international experimental collaborations seeking new physics, such as the LHC-ATLAS experiments, Super B Factory, Super-Kamiokande experiments, dark matter searches, and space observations. KMI brings together and stimulates cooperations among the human resources who research through various methods, such as theoretical research, accelerator experiments, and space observation. KMI aims to be a research organization with dynamism only possible at Nagoya University.

Voice of Young Researcher

Yu Nakahama

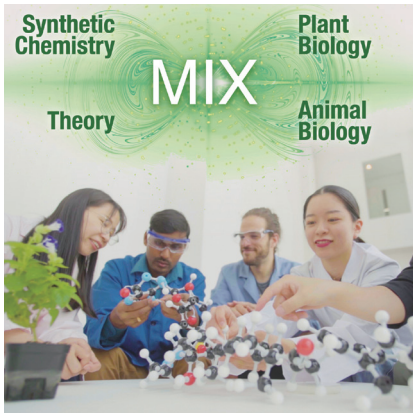
I am an experimental particle physicist at KMI. My research goals are to discover new physics phenomena, such as Dark Matter, and to reveal the origin of matter and the universe through the property measurements of the Higgs boson.
I do think KMI is a perfect and enjoyable place for young researchers to perform leading, interdisciplinary, and international researches.
KMI brings together highly-motivated researchers from various research backgrounds in the fields. Through regular research exchanges and discussions in English, we can always come up with innovative ideas. All fun!
KMI provides great support to us, for instance, for long stays in world-leading research facilities abroad and in Japan, for example, CERN, KEK and Kamioka.
Join KMI! Let's enjoy physics and discover something new together.

Institute of Transformative Bio-Molecules

http://www.itbm.nagoya-u.ac.jp/index.php

ITbM's research produces functional molecules to solve a range of issues

ITbM Building



'Mix lab' concept

The Institute of Transformative Bio-Molecules (ITbM) was launched at Nagoya University in December 2012 and is supported by the World Premier International Research Center Initiative (WPI), the flagship program of the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT). ITbM aims to create a new interdisciplinary field of research through the collaboration of cutting-edge synthetic chemistry, animal/plant biology, and theoretical science, and to deliver bio-molecules to solve urgent problems, such as environmental issues, food production and medical technology that have a significant impact on society.

ITbM has set up "Mix Labs", lab spaces where synthetic chemists and animal/plant biologists work next to each other, with theoretical scientists situated nearby to enable interactive discussions. This has led to effective mixing of research areas by facilitating the collaboration of researchers from different disciplines, and many collaborative research projects have emerged in a bottom-up manner. Recently, ITbM has defined five new flagship research challenges: parasitic plants, chemistry-enabled plant adaptation, clock diseases, chemistry-enabled live imaging, and nanocarbon chemistry and biology.

ITbM has strategically expanded its collaboration network. Inter-institutional collaboration is greatly enhanced by the internationalization and global visibility of ITbM. These collaborations have contributed significantly to interdisciplinary research. ITbM's platform is being developed in collaboration with RIKEN's Center for Sustainable Resource Science (CSRS) and Institute of Chemistry (IoC) at the Central Research Institute of Taiwan.
Fostering young researchers is also a key mission of ITbM and is important for our future development. ITbM financially supported doctoral students going abroad and sent 39 doctoral students to international exchanges. A well-known postdoctoral researcher is conducting research at ITbM and is currently in an excellent academic and industrial position at home and abroad. The spirit of ITbM is ubiquitous and ITbM is recognized as a major hub for the global talent pool.

Researcher's Voice

Takashi Yoshimura

The uniqueness of our research lies in the use of non-model animals such as wild medaka and puffer fish, quail, chicken, hamsters and monkeys. By applying cutting-edge technologies to those animals, we strive to uncover underlying molecular mechanisms of the biological clock and seasonal adaptation. At ITbM, we make use of interdisciplinary research with chemists and theoreticians to understand and overcome seasonally regulated human diseases such as winter depression. ITbM invites young people with a keen interest in science to join us in our pursuit of curiosity-driven science that offers opportunities to change the world.

Institute of Materials and Systems for Sustainability

https://www.imass.nagoya-u.ac.jp/en/

Wall painting on first floor of C-TECs building

Appearance of C-TEFs

Appearance of C-TECs

The Institute of Materials and Systems for Sustainability carries out research in fields from materials and devices to systems toward achieving a sustainable society in harmony with the environment. It consists of the Center for Integrated Research of Future Electronics (CIRFE), the Advanced Measurement Technology Center (AMTC), the Division of Materials Research, the Division of Systems Research, two Funded Research Divisions, and 10 Industry–Academia Collaborative Chairs.
Here is an introduction to CIRFE (Director: Prof. Hiroshi Amano, awarded Nobel Prize in Physics 2014).

CIRFE was established in October 2015 to promote leading-edge electronics research on post-silicon materials, including gallium nitride (GaN), SiC, and carbon nanotubes, and their devices as well to cultivate world-class human resources as future leaders of the electronics industry.

CIRFE comprises seven sections, each equipped with world-leading specialist instructors and outstanding research infrastructure. CIRFE is establishing an integrated collaborative research and education system covering basic scientific education on materials, measurements, devices, and applied systems as well as providing student educational courses. In December 2018, the CIRFE Transformative Electronics Commons (C-TECs) were completed. Research in university laboratories, provided courses, and industry–academia collaborative courses are carried out in the C-TECs building. The C-TECs building layout adopts many novel features not found in conventional universities, providing spaces where people can freely discuss their work beyond organizational boundaries and collaboratively work toward our future. The wall of the first floor of the C-TECs building has a painting depicting the passion of the researchers.

In April 2019, the CIRFE Transformative Electronics Facilities (C-TEFs), equipped with the world's only clean room specialized for GaN, started operation. C-TEFs have a well-organized environment for not only diode and transistor fabrication but also research and development on crystal growth, property evaluation, device design and processing, and vertical integration of circuits and systems. An increasing number of universities and companies are using C-TEFs.

CIRFE will promote research activities at C-TECs and C-TEFs as two wheels for the rapid social implementation of next-generation semiconductors including GaN that can contribute to innovative energy saving toward realizing a carbon-free society.

Knowledge Commons

View of seminar at
Knowledge Commons

In the C-TECs building, a large stairwell and a grand staircase have been installed to continuously join its three floors, that is, the fourth floor where experiments are carried out, the fifth floor containing the laboratories, and the sixth floor where professors have their offices. This space is called Knowledge Commons and is equipped with a projector screen and microphones. Open seminars are regularly held using the grand staircase as sheets for participants, enabling borderless activities among laboratory instructors and students.

Doctoral Programs for World-leading Innovative & Smart Education (WISE Program)

GTR

GTR

https://www.itbm.nagoya-u.ac.jp/gtr/en/

The Graduate Program of Transformative Chem-Bio Research (GTR) aims to develop researchers who will advance interdisciplinary frontiers and create the wisdom and knowledge of the future. The program provides a practical course to acquire the true research capabilities through challenging an exciting interdisciplinary research in different research environments under the guidance of double mentors.

DII

DII program

https://www.dii.engg.nagoya-u.ac.jp/en/

The DII Collaborative Graduate Program is designed for graduate students in Engineering to cultivate people who can shorten the time to achieve innovations, which has conventionally taken 30 years, to within 10 years. Three kinds of students namely aiming to become entrepreneurs, industrial engineers, or researchers, will be developed. The Faculty highly expects that peoples with the DII degree will become world leaders solving global issues and improving people's lives.

CIBoG

CIBoG
Nagoya Univ.

https://cibog.med.nagoya-u.ac.jp/

Many of challenges we face in medicine today are no longer limited to national borders as is evident from our straggles against global scale infectious diseases.
The CIBoG program aims to foster the development of researchers, administrators, and entrepreneurs with deep insight into informatics and biomedical sciences who can build a collaborative research system for big data analysis, create precision prevention systems, and promote their social implementation.

TMI

TMI

https://www.tmi.mirai.nagoya-u.ac.jp/en/

TMI is a new graduate program aiming at cultivating "Transdisciplinary Mobility human resources" who will contribute efforts to create "mobility" with high social values. Participated by 6 graduate schools and 7 centers, we have structured an outstanding 3-layer curriculum through which students, working in expert teams, will develop transdisciplinary collaborative ability consisting of 5 core abilities, namely, Specialized Research Ability, Broad View/Problem Finding Ability, Value Co-Creation Ability, Challenge/Resilience, and International Outlook.

Programs for Foreign Students

A. Degree Seeking Programs

Program		Language	Graduate School/School	Entrance	Application	QR code
General Programs	Schools	Japanese	All Schools	April	mid - late Jan.	
	Graduate Schools	Japanese	All Graduate Schools	April	depends on Grad. Schools	
G30 International Programs	Schools	English	School of Humanities, Law, Economics, Science, Engineering and Agricultural Science	October	1st: early Dec. - early Jan. 2nd: early Feb. - early Mar.	
	Graduate Schools	English	Grad. School of Humanities, Economics, Mathematics, Medicine, Engineering, Bio-agricultural Science and Environmental Studies	October	Dec.-Jan. Medicine DC: May	
LL.M. and LL.D. (Comparative Law) Programs in Law and Political Science, Department of the Combined Graduate Program in Law and Political Science		English	Grad. Schools of Law	April	depends on Grad. Schools	
International Development and Cooperation Course		English	Grad. School of International Development	April	Master: early-mid Aug. DC: early Jan.	
Global Environmental Leaders Program (NUGELP)		English	Grad. School of Environmental Studies	April	1st : mid Jul. 2nd: early Jan.	
Joint Degree Programs(JDP)	Graduate Schools	English	Grad. School of Medicine, Science, Bio-agricultural Science	depends on Grad. Schools	see website	
The Transnational Doctoral Programs for Leading Professionals in Asian Countries	Graduate Schools in the Asian Satellite Campuses Institute (ASCI)	English (depends on Grad. Schools)	Grad. School of Education and Human Development Student Affairs, Law, Medicine, Bio-agricultural Science, International Development, Environmental Studies（depend on the satellite campuses）	April or October (depends on Grad. Schools)	depends on the Grad. Schools	

B. Exchange Program (one semester or one year stay)

Program	Language	Graduate School/School	Entrance	Application	QR code
Nagoya (NUPACE) University Program for Academic Exchange	English/ Japanese	All Schools/Grad. Schools	early Apr. late Sep.	Deadline: Nov. 1st May 15th	

C. Short-term Program (less than 3 months)

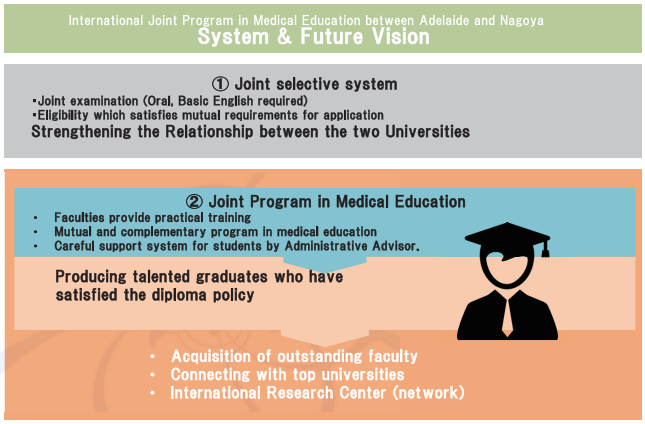
Program	Language	Graduate School/School	Entrance	Application	QR code
Short-Term Japanese Language Program (NUSTEP)	Japanese	All Schools	early Jul. early Feb.	see website	
Latest Advanced Technology and Tasks in Automobile Engineering (NUSIP)	English	School of Engineering, School of Science	mid Jun.	late Feb.	
School of Law International Summer Seminar	English	School of Law	early Aug.	see website	

The Top Global University Project was launched by MEXT in 2014. Its aim is to enhance the international compatibility and competitiveness of higher education in Japan. It provides prioritized support for top world-class and highly innovative universities that can lead the internationalization of Japanese universities.

Nagoya university plans on becoming the "Hub University of Asia" by setting the research objective of “Supporting World-Class Advanced Research" and educational objective of "Becoming an Attractive Global Nagoya University", and implementing those goals throughout Asia. We will play a role as the hub university of Asia which creates a sustainable society by realizing these aims, and consequently become an undisputed “Top Global University” with the spirit and capability to contribute to human society in the 21st century.

Programs for Nurturing Future Global Leaders

Joint Degree Program (JDP)



The University of Edinburgh

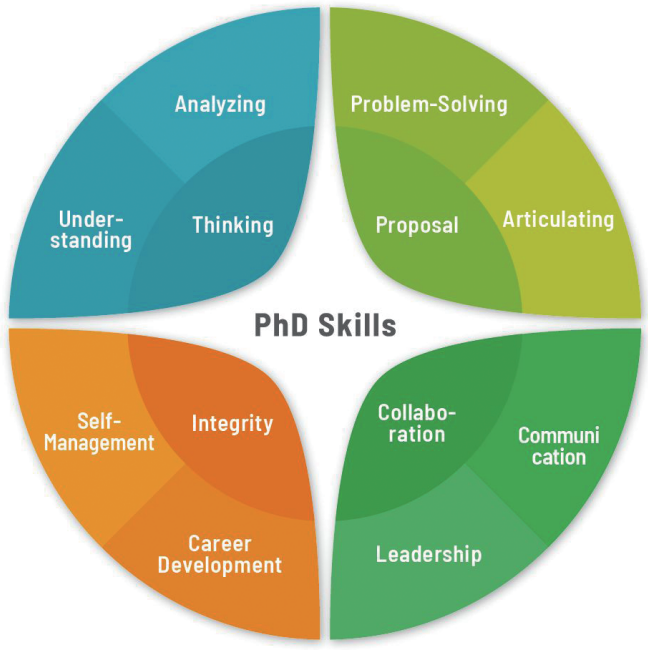
Nagoya University continuously aspires to improve the international compatibility of our education system with the aim of fostering global talent.

As part of such efforts, the Graduate School of Medicine in collaboration with the University of Adelaide, Faculty of Health Sciences, established Japan's first joint degree program.

Thereafter, Nagoya University established joint degree programs with the University of Edinburgh, College of Science and Engineering; Lund University, Faculty of Medicine; Kasetsart University, Faculty of Agriculture; the University of Freiburg, Faculty of Medicine; and the University of Western Australia, Faculty of Science.

In the joint degree programs, students receive a single diploma with the names of both universities upon completion of the program and spend a predetermined period of time studying at both universities without extending their period of enrollment. This program strives to offer students high-quality educational opportunities by providing a mutually complementary education program that cannot be created within a single university or country.

The Doctoral Education Consortium (DEC)



https://dec.nagoya-u.ac.jp/

The Doctoral Education Consortium (DEC) for PhD Skills Programs

PhD Skills (transferable skills) are essential skills of academics who can work effectively across boundaries as professionals. The DEC serves all graduate students of the university community. The DEC offers various programs to enhance the professional skills of degree candidates, such as cross-boundary thinking, making good proposals for solutions, steering collaboration, and career development. “Professional Literacy” is an introductory course to PhD skills. Based on special graduate programs (Leading Program and WISE Program), the DEC is developing and offering more programs and learning opportunities in association with the business, governments, and research institutes in and out of the country.

Global 30 International Programs

https://admissions.g30.nagoya-u.ac.jp/

The Nagoya University Global 30 International Programs-Undergraduate and Graduate Degrees Taught in English

Interested students from anywhere in the world can do their undergraduate or graduate degree in the Nagoya University Global 30 International Programs. The language of instruction in all classes is English. Available four-year programs for undergraduates include Automotive Engineering; Biological Science; Chemistry; Fundamental and Applied Physics; Social Sciences; and Japan-in-Asia Cultural Studies. Graduate programs include Automotive Engineering; Civil and Environmental Engineering; Earth and Environmental Sciences; Engineering Physics; Physics and Mathematics; Chemistry; Biological and Bioagricultural Sciences; Medical Science; Economics and Business Administration; Linguistics and Cultural Studies; and Japan-in-Asia Cultural Studies. All undergraduates take a general education curriculum, allowing them to learn the Japanese language and other subjects from outside of their field of study. Upper year students gain research skills and knowledge of their subject matter by running experiments in the lab and examining a variety of issues in seminars.

Different from programs in many other countries, G30 students pay the same tuition fees as domestic students. Selected individuals can receive scholarships and other waivers to provide for tuition and living expenses.

Please visit the Global 30 International Programs website for further information.

Nagoya University Program for Academic Exchange (NUPACE)

https://nupace.iee.nagoya-u.ac.jp/en/

Established in February 1996, the Nagoya University Program for Academic Exchange (NUPACE) comprises this University's flagship inbound student exchange programme. The programme is renowned for its quality in both domestic and international arenas, and has hosted a total of 2,382 international students from 155 institutions in thirty-six countries.

NUPACE welcomes globally-minded individuals of good academic standing, proficient in either English or Japanese. Students engage in a semester or full year exchange, and benefit from a flexible and broad-ranging curriculum, that encompasses all academic disciplines and levels of study, including courses offered through the G30 International Programs. Graduate students are particularly welcome, and may pursue either coursework or guided supervision, drawing upon this University's extensive research network.

Nagoya University Short-Term Japanese Language Program (NUSTEP)

http://ieec.iee.nagoya-u.ac.jp/ja/nustep/index.html

Established in February 2016, the Nagoya University Short-Term Japanese Language Program (NUSTEP) is an academic exchange program in which international students enrolled at Nagoya University's partner institutions study intermediate-level Japanese language in an intensive two-week program. The Summer Program will be conducted online and the Spring Program will be conducted face to face in Nagoya University. Its purpose is to provide participants with the opportunity to improve their language skills and also learn about the culture and society of Aichi Prefecture. Some who enjoy their experience may return to Japan later either through a longer-term exchange program, like NUPACE, or enroll as a graduate student. This program will not only encourage cooperation between Nagoya University and its partner institutions, but also provide a new generation of students a small taste of what it is like to study in Japan.

Nagoya University Summer Intensive Program (NUSIP)

https://www.engg.nagoya-u.ac.jp/en/nusip/index.html

Since 2008, the Graduate School of Engineering has offered a 6-week summer program “NUSIP” every year with support from the Japanese automotive industries. In this program, the latest advanced technologies in automotive engineering in Japan are introduced by leading industry researchers and university professors. NUSIP has become very popular among international students receiving many applications for the limited slots on offer. In 2019, we accepted 34 students from top universities around the world and 10 Nagoya University students. In 2020, it was unfortunate that we had to cancel NUSIP due to health and safety concerns related to COVID-19. We are looking forward to offering this program again soon.

Nagoya University Overseas Take-off Initiative (NU-OTI)

http://ieec.iee.nagoya-u.ac.jp/en/abroad/index.html

<University-Wide Student Exchange Program>
・Over 160 partner universities/institutions
・Tuition fee waiver available for most partner universities/institutions
・Three internal selection rounds per year (June, November, January)
・Duration of exchange is one semester or one academic year
Participants join local students in taking classes in their field of study or other related areas of interest. As a representative of Nagoya University, participants must engage diligently in their academic studies and are required to submit periodical reports during their exchange.
<Short-Term Program>
We also offer various short-term programs during summer and spring breaks. Students can choose from a variety of programs, from language training programs that provide students the chance to experience local academic life and culture to career-focused programs.

Asian Satellite Campuses Institute (ASCI)

http://asci.nagoya-u.ac.jp

The Asian Satellite Campuses Institute (ASCI) has been established to implement the "Transnational Doctoral Programs for Leading Professionals in Asian Countries," aiming to enable senior officials from select countries to pursue a doctoral degree without leaving their workplace for an extended period of time. As of 2021, six Nagoya University graduate schools offer doctoral degree programs through ASCI. The programs provide students with long-distance guidance from their academic advisor via ICT, research guidance at the Satellite Campus established in their home country, and instruction in developing academic writing. In addition, there are fixed periods of "schooling," during which students will travel to Japan to receive intensive teaching and research guidance directly from their academic advisor.

Center for Asian Legal Exchange (CALE)

https://cale.law.nagoya-u.ac.jp/

CALE was established in 2002 as an institution for Japanese legal assistance and research in Asia. This Center cooperates with transition Asian countries to promote legal reforms aimed at market economy, the rule of law, human rights, and democracy. Its centers in Uzbekistan, Mongolia, Vietnam, Cambodia, Myanmar, Indonesia and Laos contribute towards Japan's practical legal assistance projects in the host states and nurturing local legal experts among local law students by offering Japanese Law education through the Japanese language. CALE, including mentioned centers, perform a role of research units, that additionally collect and share law and legal information on Japan and transition countries.

Our Commitment to SDGs

https://www.un.org/sustainabledevelopment/

Nagoya University has been dedicated to research and teaching to address the Sustainable Development Goals (SDGs) across different disciplines, dealing with issues related to the environment, poverty, public health and gender, among other things. The university is determined to continue with these efforts as well as to demonstrate intellectual leadership to explore the question of what is "sustainable development".

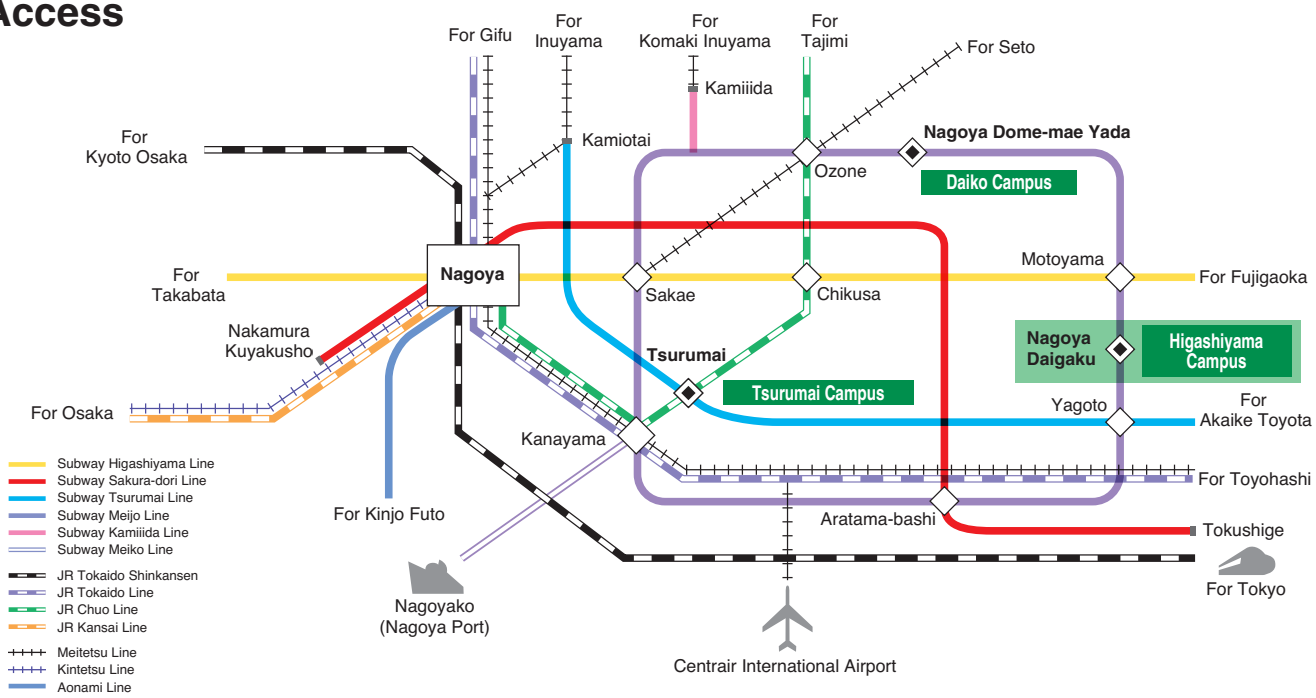
Sustainable development rests on the creation of a world that "leaves no one behind." The current COVID-19 crisis poses a grave threat to the vision of such a world by worsening the problems of poverty, inequality, poor health, lack of access to education, stalled economic growth and unemployment.

Amidst this crisis, Nagoya University is redoubling its efforts to tackle the pandemic through its research and teaching. It also urges all responsible parties to have their COVID-19 countermeasures taken in accordance with the principles of the SDGs to avoid any social division or discrimination arising from them.

Access / The City of Nagoya

The City of Nagoya

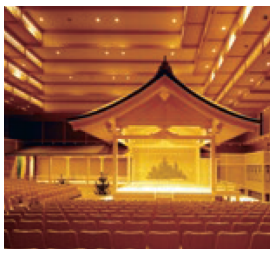
Access



- Nagoya City is one of the top-ranking economies worldwide, boasting leading industries in automotive manufacturing, machinery, electronics and ceramics.
- The Chubu area of Japan is particularly renowned as the home of Oda Nobunaga, Toyotomi Hideyoshi and Tokugawa Ieyasu, three leaders who unified Japan over 400 years ago, bringing an end to the "Period of Warring States".
- Nagoya Castle, originally built by Tokugawa Ieyasu and famous for the golden dolphins found on its donjon, serves as the landmark of the region.


JR Central Towers


Nagoya Castle


Nagoya Noh Theater


Arimatsu Shibori Matsuri (festival)


Nagoya City Archives


The Golden Dolphin


Nagoya Congress Center


Nagoya Port Toriton


Nagoya City Art Museum


OASIS 21

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