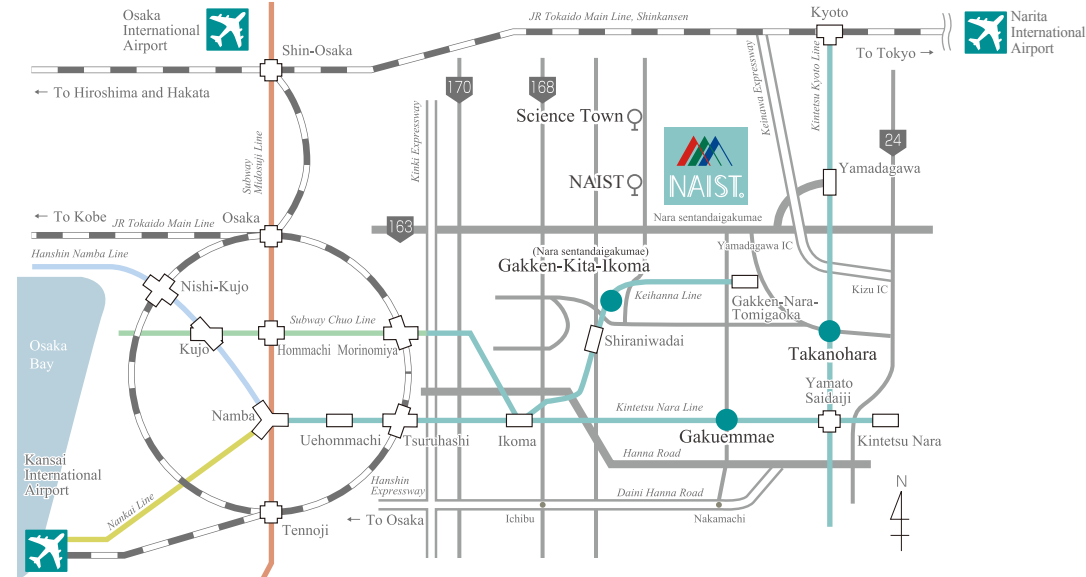
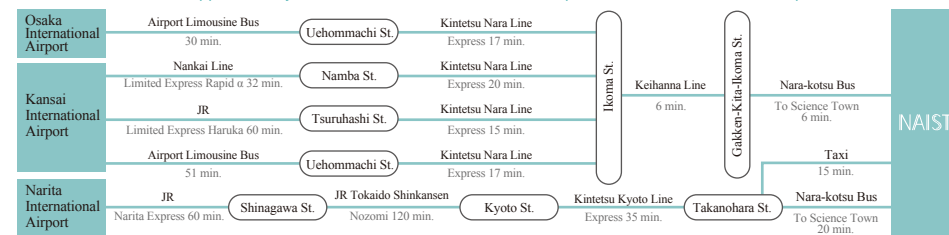


ACCESS



NAIST can be reached in approximately 1.5 hours from Osaka International Airport and Kansai International Airport.



In addition to its main campus, NAIST has established liaison and overseas offices to support academic and research activities, student recruiting and career planning.



NAIST Tokyo Office



NAIST Higashi-Osaka Office



NAIST Indonesia Office

from Nara, Japan.



Silk Road 丝绸之路
 শিল্ক রোড
 เส้นทางสายไหม
 ilderkurodo
 실크로드
 جاده ابریشم



A Japanese national university composed solely of graduate schools



Information Science

Biological Sciences

Materials Science

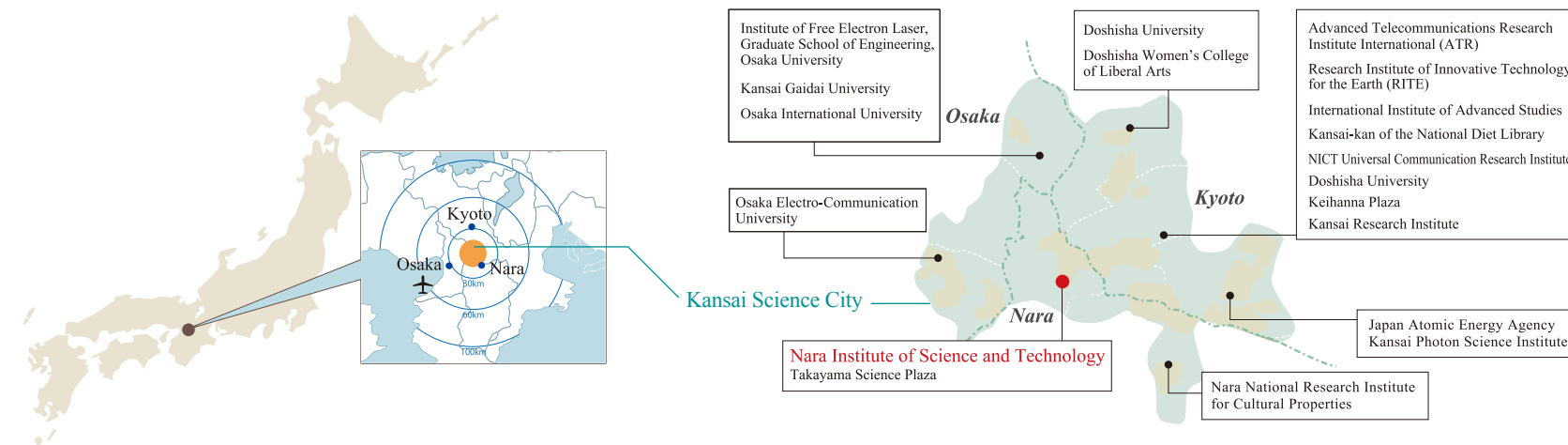
About NAIST

NAIST was founded in 1991 as a Japanese national university consisting solely of graduate schools in three integrated areas: information science, biological sciences, and materials science. At present, about 1,000 students—22% from overseas—are supervised by roughly 200 NAIST faculty.

With its cutting-edge facilities and a 5 to 1 student-to-faculty ratio, NAIST's world-leading research and education are a direct result of its rich, global environment and supportive

infrastructure. Moreover, the outstanding achievements of NAIST's faculty and students are shared world-wide through patents, licenses, spin-off companies, and active exchange with overseas partners.

As a result, NAIST has quickly established itself as a world-class research and education center where young scientists and technologists become tomorrow's global leaders.



Location

NAIST is located in Ikoma City, in Japan's historic Nara Prefecture. Home of the first official capital of Japan, Nara Prefecture has an incredibly rich history as a center for international trade and relations. In addition to its prolific ancient heritage, Nara Prefecture is also conveniently located in close proximity to Kyoto and Osaka, and just 90 minutes from Kansai International Airport.

Kansai Science City

NAIST is located in the area called "Kansai Science City" (also known as "Keihanna") a national science project constructed in the Kansai Hills area, extending into three prefectures: Kyoto, Osaka, and Nara. The aim of Kansai Science City is to establish a new base for creative, international, interdisciplinary and inter-industrial academic research through the close cooperation of industrial, governmental, and academic organizations. More than 110

prestigious companies and institutions, including Kyocera, Panasonic, Advanced Telecommunications Research Institute International (ATR), the National Institute of Information and Communications Technology (NICT), and the Research Institute of Innovative Technology for Earth (RITE) now operate in Kansai Science City and have made great contributions to science and technology.

Information Science

The core focus of the Graduate School of Information Science is on communication between society, people and computers, as well as the computing infrastructure for the big-data era that will support sustainable growth and societal development well into the future. Our world-class faculty, staff, and curriculum contribute to the cultivation of researchers and engineers who will be leaders of tomorrow's universally connected society.

Collaborative Laboratories

- Communication (NTT Communication Science Laboratories)
- Computational Neuroscience (ATR International)
- Network-Human Interaction (Advanced Technology Research Laboratories, Panasonic Corporation)
- Symbiotic Systems (NEC Corporation)
- Human Interface (Fujitsu Laboratories Ltd.)
- Multimedia Mobile Communication (NTT DOCOMO, Inc.)
- Optical and Vision Sensing (Core Technology Center, OMRON Corporation)
- Molecular Bioinformatics (National Institute of Advanced Industrial Science and Technology)
- Digital Human (National Institute of Advanced Industrial Science and Technology)
- Technology of Radiological Science (National Cerebral and Cardiovascular Center Research Institute)
- Secure Software System (National Institute of Advanced Industrial Science and Technology)
- Network Orchestration (National Institute of Information and Communications Technology)
- High Reliability Software System Verification (JAXA's Engineering Digital Innovation Center)

Media Informatics

Computational Linguistics
Augmented Human Communication
Network Systems
Vision and Media Computing
Interactive Media Design
Optical Media Interface
Ambient Intelligence
Social Computing

Computer Science

Computing Architecture
Dependable System
Ubiquitous Computing Systems
Mobile Computing
Software Engineering
Software Design and Analysis
Internet Engineering
Internet Architecture and Systems

Applied Informatics

Robotics
Intelligent System Control
Large-Scale Systems Management
Mathematical Informatics
Imaging-based Computational Biomedicine
Computational Systems Biology
Robotics Vision

Biological Sciences

The core focus of the Graduate School of Biological Sciences is to uncover various mechanisms regulating living organisms at the molecular and cellular levels, and to clarify principles of the basic phenomena of life and biological diversity. Based on highly advanced basic research, we provide research and development that benefits human well-being. Our programs for international students cultivate their abilities for playing active roles in the global community of advanced life science and technology.

Plant Biology

- Plant Cell Function
- Plant Development Signaling
- Plant Metabolic Regulation
- Plant Growth Regulation
- Plant Stem Cell Regulation and Floral Patterning
- Plant Immunity
- Plant Symbiosis

Biomedical Science

- Molecular Signal Transduction
- Functional Genomics and Medicine
- Tumor Cell Biology
- Molecular Immunobiology
- Applied Immunology
- Molecular Medicine and Cell Biology
- Developmental Biomedical Science
- Organ Developmental Engineering

Systems Biology

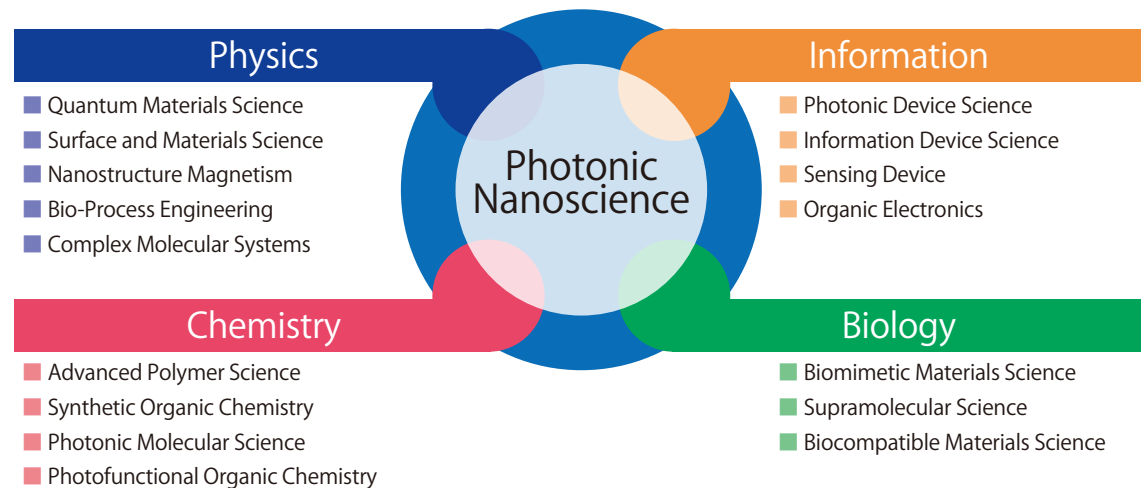
- Microbial Molecular Genetics
- Systems Microbiology
- Cell Signaling
- Applied Stress Microbiology
- Structural Biology
- Membrane Molecular Biology
- Gene Regulation Research
- Systems Neurobiology and Medicine

Affiliate Laboratories

- Molecular Genetics of Human Diseases (Osaka Medical Center for Cancer and Cardiovascular Diseases)
- Cell Growth Control (Center for Developmental Biology, RIKEN)
- Molecular Microbiology and Genetics (Research Institute of Innovative Technology for the Earth (RITE))

Materials Science

The core focus of the Graduate School of Material Science is 'photonic nanoscience'. In photonic nanoscience, we use light to understand materials and their mechanisms at the molecular, atomic, and electron levels. Light is the theme that unites our diverse materials science. By seeing with light, creating with light, and transmitting with light, researchers in the Graduate School of Materials Science create new materials with novel characteristics and functions. Through this approach the Graduate School of Materials Science fosters excellence in research and systematically educates students to become leaders in both science and in the global society of the twenty-first century.



Collaborative Laboratories

- Mesoscopic Materials Science (Panasonic Co., Ltd.)
- Intelligent Materials Science (SHARP Corporation)
- Functional Polymer Science (Santen Pharmaceutical Co., Ltd.)
- Ecomaterial Science
(Research Institute of Innovative Technology for the Earth (RITE))
- Sensory Materials and Devices (Shimadzu Corporation)
- Advanced Functional Materials
(Osaka Municipal Technical Research Institute)

Specific Research Laboratories

- Green Nanosystem
- Nanomaterials and Polymer Chemistry

International Activity Highlights:

NAIST is actively engaged in globalization efforts to promote its global standing and to enhance its on-campus international environment. Extensive collaboration with prestigious overseas partner institutions serves as a solid foundation for exchanging researchers, staff, and students worldwide each year. NAIST's Division for Global Education, the office leading our globalization initiatives, coordinates events and activities as highlighted below:



NAIST Students at Airbus Shopfloor Challenge at ICRA 2016 (Sweden)



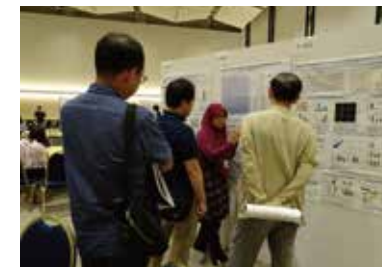
International Student Lab Internship at NAIST (from University of the Philippines)



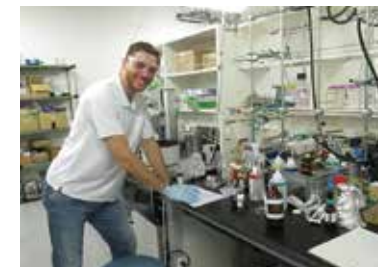
Global Campus Event for Cultural Exchange "NAIST Tea Time"



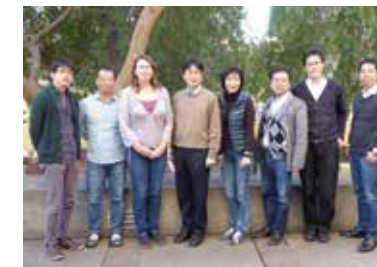
Indonesian Students at the 2016 NAIST International Friendship Meeting



Biological Sciences Summer Camp for Research and Academic Skills



International Student Lab Internship at NAIST (from RheinMain University)



NAIST Faculty Development Program at UC Davis (US)



NAIST Staff Development Program at Hawaii Tokai International College (US)

Innovative Research and Education Programs

NAIST constantly strives to renew its research and education programs towards producing science and technology researchers prepared to meet the demands facing tomorrow's global scientific community. These programs are regularly awarded external funding for their wide-ranging benefits.

Top Global University Project

In October 2014, NAIST was one of 37 universities selected to the Top Global University Project funded by the Ministry of Education, Culture, Sports, Science and Technology (MEXT). For a period of ten years, MEXT will support outstanding universities in their efforts to reform institutional governance and collaborate with top universities worldwide in order to strengthen international competitiveness. Through the Top Global University Project, NAIST has committed to enhancing its international graduate courses by including a joint degree scheme, developing a new model for graduate education based on (innovative, cutting-edge, epoch-making, world-class) research, reforming institutional governance and strategic agility, creating a campus environment that supports trans-disciplinary education and cultural diversity, and reorganizing its three graduate schools into a single entity toward establishing new, flexible research groups.



Program for Promoting the Enhancement of Research Universities

In October 2013, NAIST was one of the 22 universities selected for inclusion in another prestigious MEXT initiative, the Program for Promoting the Enhancement of Research Universities, which aims to improve the research capabilities of universities and research institutions.

Through this program, NAIST continues to conduct frontier-opening research while expanding into new interdisciplinary fields in science and technology. With the establishment of a university-wide strategic research infrastructure, NAIST endeavors to leverage its resources to attain new research materials and facilities necessary for advanced research, to disseminate its achievements and human resources around the globe, and to further expand its global research and education network in order to contribute to the overall advancement of science and technology. Projects being supported through this program include young researcher and technology exchange programs, international researcher and technology exchange programs and the establishment of joint laboratories both domestically and abroad.

Innovative Approaches to Global Education

NAIST has constantly pursued educational opportunities for students to expand their horizons globally. The following programs are currently integral parts of NAIST's educational and research efforts through government funding for strategic enhancement. These are aimed at further developing our research network abroad while accepting talented researchers to foster campus growth to broaden our international community ties. As a world-leading research university, NAIST is committed to promote globally active education and research to extend our presence ever farther in diverse fields.

Alliance for educational enhancement

NAIST focuses on the development of outstanding scholars, researchers and technicians that are prepared for the challenges of today's borderless science and technology fields. Our students go abroad for unique educational and research experiences to broaden their perspectives, while internationally distinguished scholars and researchers are actively invited to contribute to the growth of our educational programs.

Diversity and global campus promotion

In order to successfully expand NAIST's globally diverse community of students, researchers, and scholars to strengthen its international network, NAIST emphasizes the recruiting of outstanding international students from all over the world. Our students are offered abundant academic opportunities, financial assistance, and career development support while at NAIST.

Collaboration for academic mobility

To promote cutting-edge research in information, biological and materials sciences, and their interdisciplinary advancements, while also achieving prosperous research networks, NAIST supports mobility for researchers who have studied or engaged in long-term research at NAIST and are involved in ongoing collaborative research. Additionally, academic partnerships through collaboration are key to increasing valuable opportunities for our students, researchers, and scholars.

Agreements on Academic Exchange with 84 Overseas Institutes in 28 Countries/Regions (as of October 2016)

Institution Level Agreements

USA	University of California, Davis	China	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences
	University of Hawai'i at Mānoa		Tianjin University of Technology
	University of California, San Diego		Liaoning University
Canada	Queen's University at Kingston		Soochow University
Belgium	Université Catholique de Louvain		Changchun Institute of Applied Chemistry, Chinese Academy of Sciences
Germany	RWTH Aachen University	Korea	Gwangju Institute of Science and Technology
	Justus Liebig University Giessen		Hanbat National University
	Otto von Guericke University Magdeburg		Pohang University of Science and Technology
	Karlsruhe Institute of Technology		
	University of Regensburg	Malaysia	Universiti Sains Malaysia
Finland	Åbo Akademi University		University of Malaya
			Universiti Putra Malaysia
France	Université Paul Sabatier		Universiti Teknologi Malaysia
	University of Poitiers	India	Universiti Tunku Abdul Rahman
	École Polytechnique	Bangladesh	Indian Institute of Technology Rajasthan
	École Normale Supérieure de Cachan		Bangladesh University of Engineering and Technology
	Université Lille 1	Philippines	Ateneo de Manila University
Italy	The University of Cagliari		University of the Philippines
UK	University of Edinburgh	Thailand	Mahidol University
Macedonia	University of Information Science and Technology "St. Paul the Apostle"		Chulalongkorn University
Russia	The St. Petersburg Polytechnic University		Kasetsart University
Australia	University of Technology Sydney	Taiwan	National Chiao Tung University
New Zealand	Unitec Institute of Technology		Southern Taiwan University of Science and Technology
Indonesia	Universitas Gadjah Mada	Vietnam	Hanoi University of Science, VNU
	Bogor Agricultural University		VNU University of Engineering and Technology
	Universitas Indonesia		Hue University of Sciences
	Universitas Hasanuddin		
	Institut Teknologi Bandung		Kenya
	Universitas Jenderal Soedirman		

School/Department Level Agreements

Information Science

Finland	Department of Information Processing Science, Faculty of Science, University of Oulu
	University of Turku
France	Telecom SudParis
Germany	Faculty of Engineering and Computer Science, University of Ulm
	Department of Informatics, Technical University of Munich
	Department of Electrical and Computer Engineering, Technical University of Munich
China	College of Computer Science and Electronic Engineering, Hunan University
	Department of Computer Science, City University of Hong Kong
	School of Computer Science and Information Technology, Northeast Normal University
Lao PDR	Faculty of Engineering, National University of Laos
Vietnam	Institute of Information Technology, Vietnam Academy of Science and Technology
	Faculty of Electronics and Telecommunications,
	Ho Chi Minh City University Of Science, Vietnam National University-HCMC
	Department of Electronic and Telecommunication Engineering,
	University of Science and Technology - The University of Danang, Vietnam
India	KIIT College of Engineering

Biological Sciences

USA	BioTechnology Institute, University of Minnesota
Canada	Faculty of Science, The University of British Columbia
Vietnam	Institute of Biotechnology, Vietnam Academy of Science and Technology
Bangladesh	North South University
Singapore	Temasek Life Sciences Laboratory Limited

Materials Science

USA	Macromolecular Science and Engineering Center, College of Engineering, University of Michigan
Germany	Faculty of Engineering, RheinMain University of Applied Sciences
Switzerland	Faculty of Science, University of Zurich
Netherlands	Faculty of Science, Leiden University
	Faculty of Electrical Engineering, Mathematics and Computer Science, Delft University of Technology
Hungary	Doctoral School of Physics, University of Debrecen
China	School of Chemistry and Chemical Engineering, Nanjing University
	Faculty of Chemistry, Northeast Normal University
India	Indian Institute of Science Education and Research, Thiruvananthapuram
Vietnam	Institute of Materials Sciences, Vietnam Academy of Science and Technology
Australia	School of Pharmacy and Molecular Sciences, James Cook University

The Center for Industry-Government-Academia Collaboration

The Center for Industry-Government-Academia Collaboration engages in the active promotion of joint and commissioned research, technology transfer and other related activities, to improve NAIST's top class productivity. NAIST was selected for inclusion in the Enhancing Development of Global Entrepreneur (EDGE) program, funded by MEXT. Through this program, NAIST has facilitated the creation of promising new businesses to promote innovation and will continue to support start-up companies.



METI Intellectual Property Achievement Award



- The first university to be awarded the Intellectual Property Achievement Award by the Ministry of Economy, Trade and Industry (April 2011)
- Consistently among the highest income earning national universities (per faculty member)
- Consistently among the highest external research funding received by a Japanese institution (per faculty member; totalling roughly 3 billion yen annually)
- Consistently among the top spin-off producing Japanese universities

Message from Professor Shinya Yamanaka

2012 Nobel Laureate in Physiology or Medicine
Director, Center for iPS Cell Research and Application, Kyoto University
Honorary Professor, Nara Institute of Science and Technology



Photo taken at the NAIST 20th Anniversary Commemorative Ceremony

From NAIST introduction video

"Currently, my group is conducting research on "iPS" cells, a kind of stem cell, and most of the crucial research which led to the creation of iPS cells began during the five years when I was at NAIST. In other words, without the research conducted in Nara, I don't think iPS cells could have been achieved and I think we would now be pursuing a completely different area of research. Professors at NAIST come from various fields, such as medicine in my case, and others have backgrounds in engineering, science, agriculture, and so on, so NAIST faculty are truly engaged in a broad spectrum of research areas. Not only fundamental research but also applied research and so many kinds of research are being conducted, so even from the perspective of industry partners, there are many opportuni-

ties to conduct collaborative research at NAIST, which makes NAIST a very unique research institute, in my opinion.

With the extremely high level of both its research environment and faculty, NAIST is one of the top research universities in Japan.

Although I am now researching iPS cells at Kyoto University, even now most of the core members supporting me in my lab are colleagues and former students from my time at NAIST who came to Kyoto to work with and support me. Nara really is an excellent place to conduct research and I sincerely hope that many students and researchers will choose to pursue their research in Nara."