

Future Global Leadership at Tohoku University

The ongoing search for knowledge



Tohoku University is a Japanese national university located in Sendai City. Currently, the university has 10 faculties, 16 graduate schools, 3 professional graduate schools and 5 research institutes. There are approximately 5,400 faculty and staff and 17,800 students. Since it was established as the third imperial university in 1907, the university's principle has been to put "Research First", while maintaining an "Open-Door" policy. Tohoku University continues to offer students a world-class education, and to succeed in conducting pioneering research.

Ranking

- Ranked 3rd in the world in Materials Science and ranked 9th and 17th in Physics and Chemistry, respectively (Thomson Scientific ESI list of most cited papers in the world)
- Top-class citation profile among Japanese universities in Humanities and Social Sciences
- Selected by high school teachers as the best university in Japan for five consecutive years from 2006 to 2010 (Japanese University Ranking by the Asahi Shimbun newspaper)

Innovations that set World Standards

- The Yagi-Uda antenna, invented by Hidetsugu Yagi and Shintaro Uda in 1925
- The pin diode, invented by Jun-ichi Nishizawa in 1952
- The principles of perpendicular magnetic recording, proposed by Shun-ichi Iwasaki in 1977



Yagi-Uda antenna



Perpendicular Magnetic Recording

- Magnetic resistant KS steel and new KS steel, invented by Kotaro Honda in 1917 and 1933
- Koichi Tanaka, awarded the Nobel Prize in Chemistry in 2002 for "A method that enabled mass spectrometry analysis of biological macromolecules"



Kotaro Honda



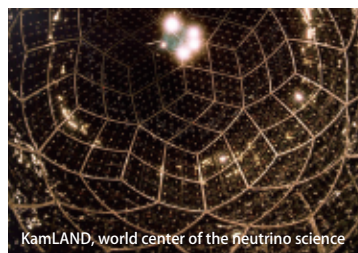
Koichi Tanaka

Internationalization

- Renowned Chinese writer Lu Xun (Zhou Shuren; 1881-1936) entered Sendai Medical College (which is now the Tohoku University Graduate School of Medicine) in 1904 as the first foreign exchange student to study in Sendai
- Member of several major academic networks, including the Association of Pacific Rim Universities (APRU), The Association of East Asian Research Universities (AEARU), and Top Industrial Managers for Europe (T.I.M.E.)



Lu Xun



KamLAND, world center of the neutrino science

Future Global Leadership (FGL)

In Future Global Leadership (FGL), Tohoku University offers high quality learning and research opportunities in an ideal campus environment for students who aspire to one day take on key international leadership roles.

We offer

- a complete package which meets all international students' needs
- comprehensive graduate and undergraduate programs taught in English
- high quality Japanese language training within each curriculum
- on-site admission services and pre-enrolment support
- career support in the fields of domestic and international business and academia
- Presidential Fellowships and housing for FGL undergraduate and graduate students
- a campus environment where both contemporary and traditional Japanese culture richly blend with the natural beauty of the area

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