



Study Abroad at Tohoku University, Japan

Graduate Level Research-oriented Program:
COLABS and DEEP

September 22, 2015

Global Learning Center, Tohoku University

<http://www.insc.tohoku.ac.jp/cms/index-e.cgi>

Sendai, home of the Tohoku University

Tohoku University is located in the largest city in the Tohoku region, the city of Sendai, an “Academic City”.

[City of Sendai]

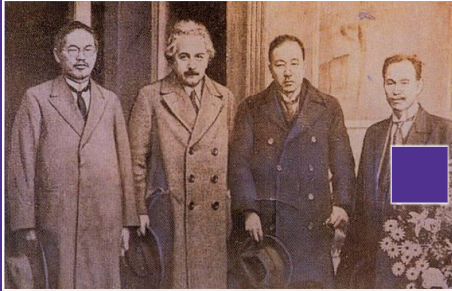
Population **1,070,757人**
As of May 2014

By bullet train **350 km**
from Tokyo **1.31 h**

By local train **17 km**
from Sendai Airport **20 min**



Mission Statement



■ Research-First



■ Open-Doors



■ Practice-Oriented
Research and Education

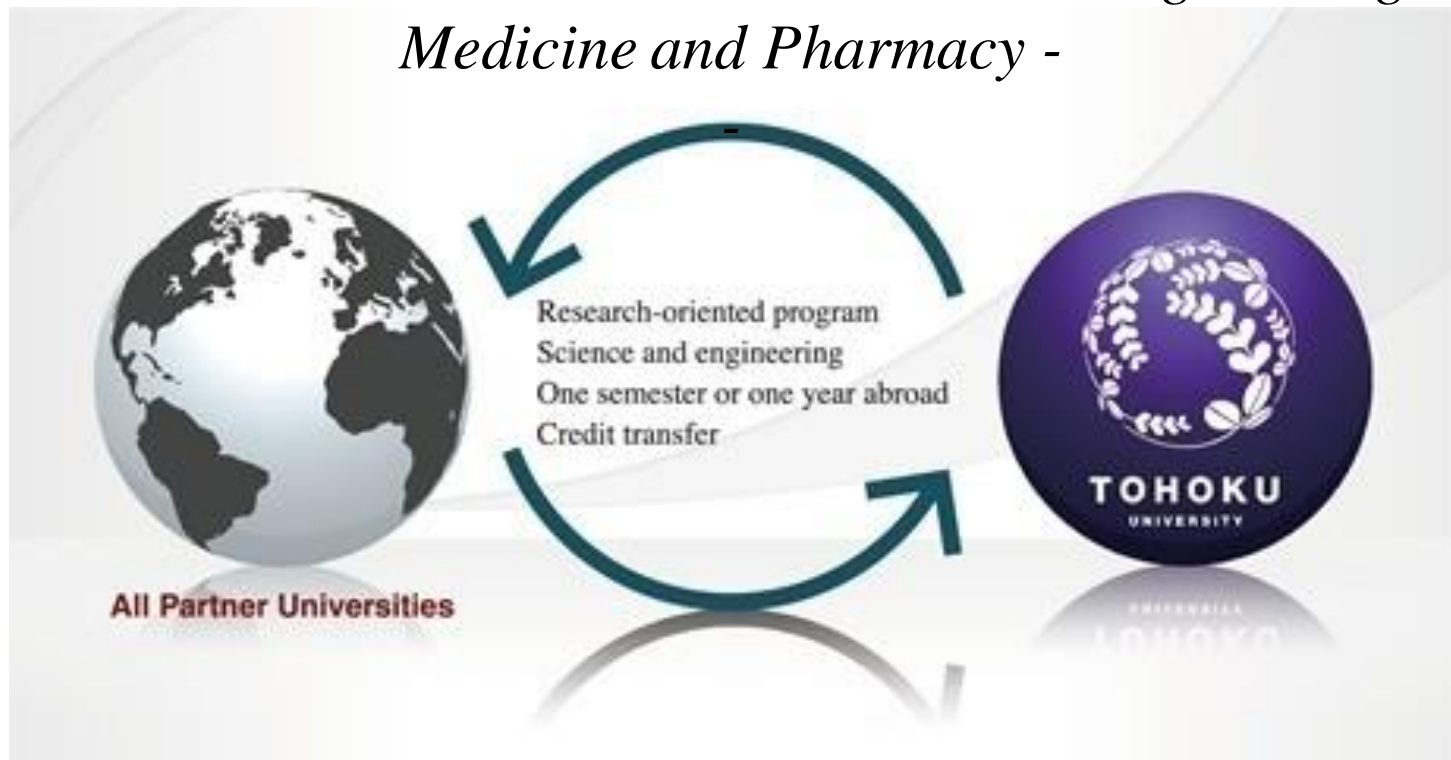
東北大学

Graduate-level Student Exchange Programs with Partner Universities		
	DEEP (Direct Enrollment Education Programs)	COLABS (Cooperative Laboratory Study Program)
Status	Special Research Students	
Fields	All	Science, Engineering, Agricultural Science, Life Science, Environmental Studies, Information Sciences, Biomedical Engineering, Medicine, Dentistry, Pharmacy
Language Proficiency	Varies(please inquire with the supervising professor); sometimes high Japanese proficiency is required.	Applicant should be fluent in English(No Japanese proficiency is required.)
Orientation	Yes	
Opening and Closing Ceremony	No	Yes
Support	Laboratory-level	University- and Laboratory-level
Research Presentation	Laboratory-level	University- and Laboratory-level
Certificate of Completion	Yes	
Research Paper	30-40 A4-size pages	
Housing	Assistance for students with finding adequate accommodation	Guaranteed (Dormitory)
Duration	1-2 Semesters	
Application Deadline	Fall Semester: March 10/ Spring Semester: December 1	
		Tohoku University

TOHOKU UNIVERSITY

Cooperative Laboratory Study Program (COLABS)

*- Science, Engineering, Information Sciences, Agricultural Science,
Life Sciences, Environmental Studies, Biomedical Engineering, Dentistry,
Medicine and Pharmacy -*



The Main Purposes of the Program

- To offer an opportunity for each student **to do research at the laboratory** and to take Science and Engineering courses, without having to attain the Japanese language proficiency that would be necessary to take the same courses in Japanese at Tohoku University.
 - ➔ **To research and study courses at the Tohoku U.**
- To offer courses on Japanese language, culture and the society **aimed at promotion of understanding of Japan's language and social customs**
 - ➔ **To study Japan**

Core Course (IRTLab) and Elective Courses

I. **Core Course:** Individual Research Training in Lab (IRTLab)

Only One Required Course

II. **Elective Courses:**

Courses of **International Graduate Program for Advanced Science (IGPAS)** in the Graduate School of Science.

<http://www.sci.tohoku.ac.jp/english/igpas/#con3>

Courses in English of **Master course program** in each Graduate School (Engineering, Information Sciences, Environmental Studies, Medicine and so on). COLABS Students may take the classes in the **International Doctoral Program**, which is provided for doctoral students.

<http://www.eng.tohoku.ac.jp/syllabus/index-e.html>

Courses of **Junior Year Program in English (JYPE)**: undergraduate program

Courses of JYPE are undergraduate level. You can take **courses on Japanese language, culture, and society** aimed at promotion of understanding of Japan's language and social customs. Cultural and intellectual exchange with Japanese is an integral part of the program.

Some courses may not be opened during your term (semester) of study. Detailed information of courses will be obtained from Tohoku University. If you want to take elective courses, please contact us through your Exchange Program Coordinator in advance. A few courses may not be opened in case students taking courses are very few.

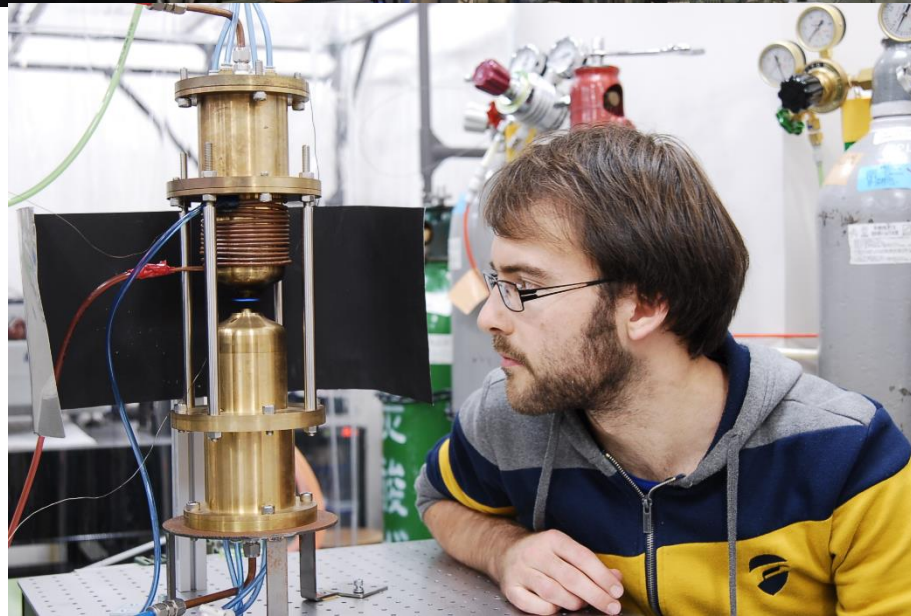
Individual Research Training

COLABS
Tohoku University

in Lab with the support of research groups



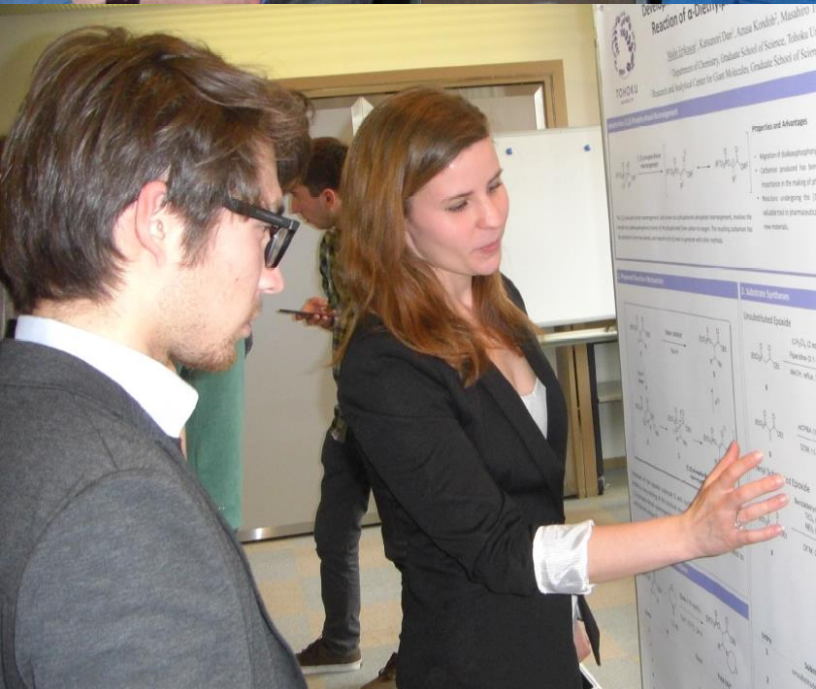
- Research paper with the abstract
- Presentation concerning IRTLab



With a Friend in a Research Group

Scenes of Individual Research Training in Lab

Individual Research Presentation



**Scenes of Individual
Research Presentation**



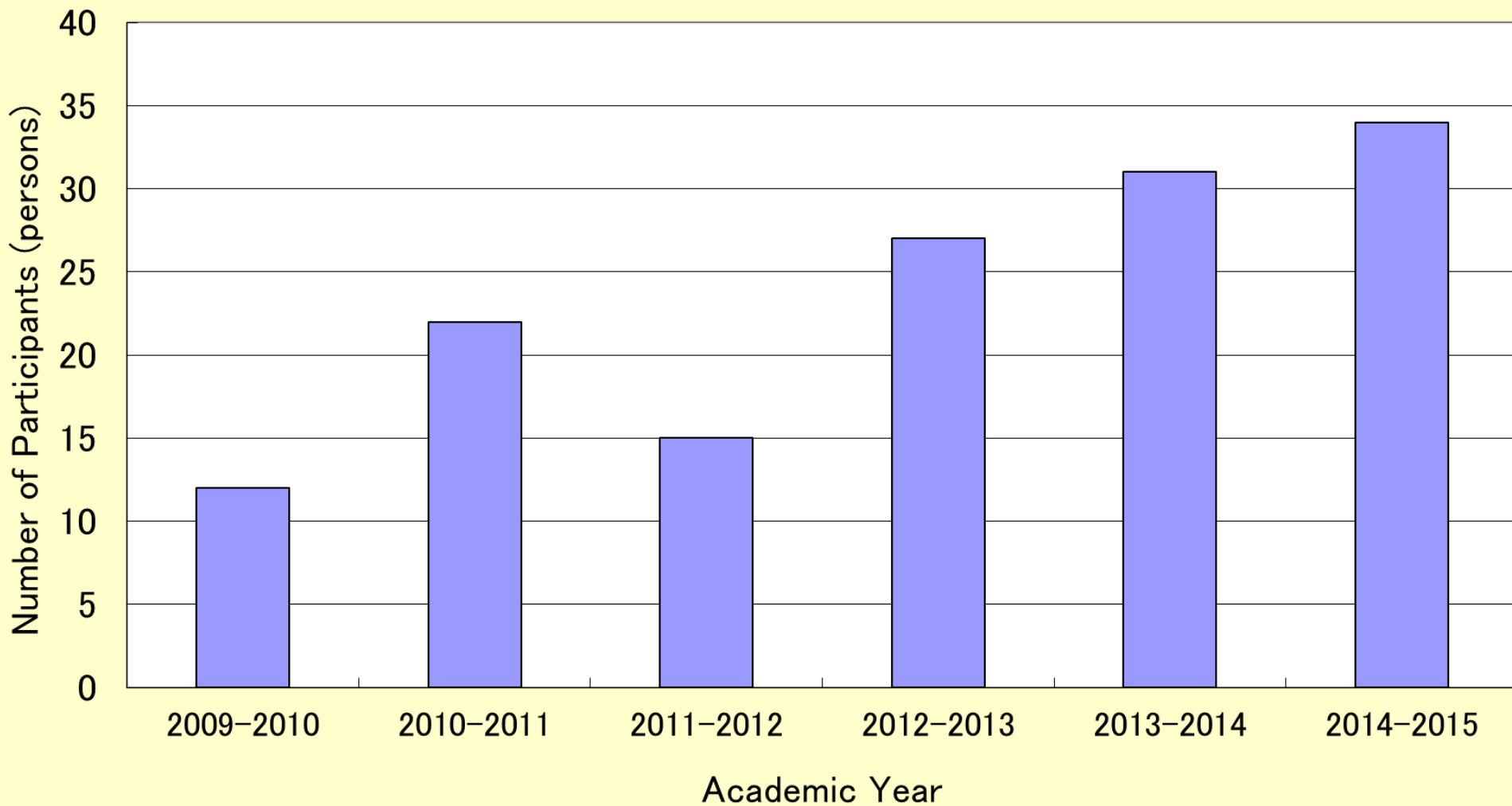
Certificate of Completion

A certificate of completion will be awarded to the students who are enrolled in the program for one semester or one year and complete 30 ECTS Equivalent or more in each semester, including the credits of Individual Research Training in Lab.

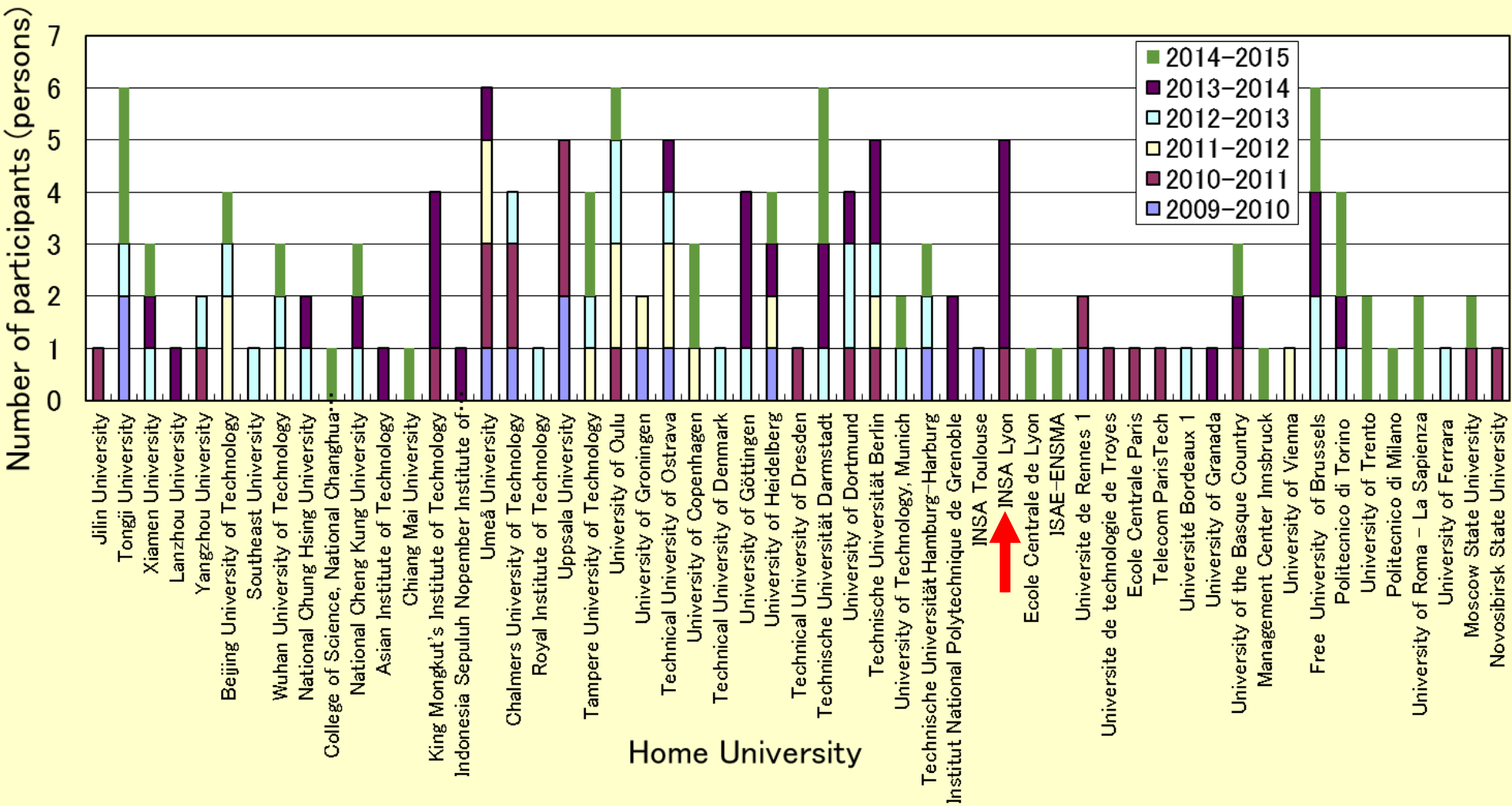
Students are required

- (1) to submit the research paper with the abstract and
- (2) to present orally the results concerning the Individual Research Training in Lab near the end of exchange term.

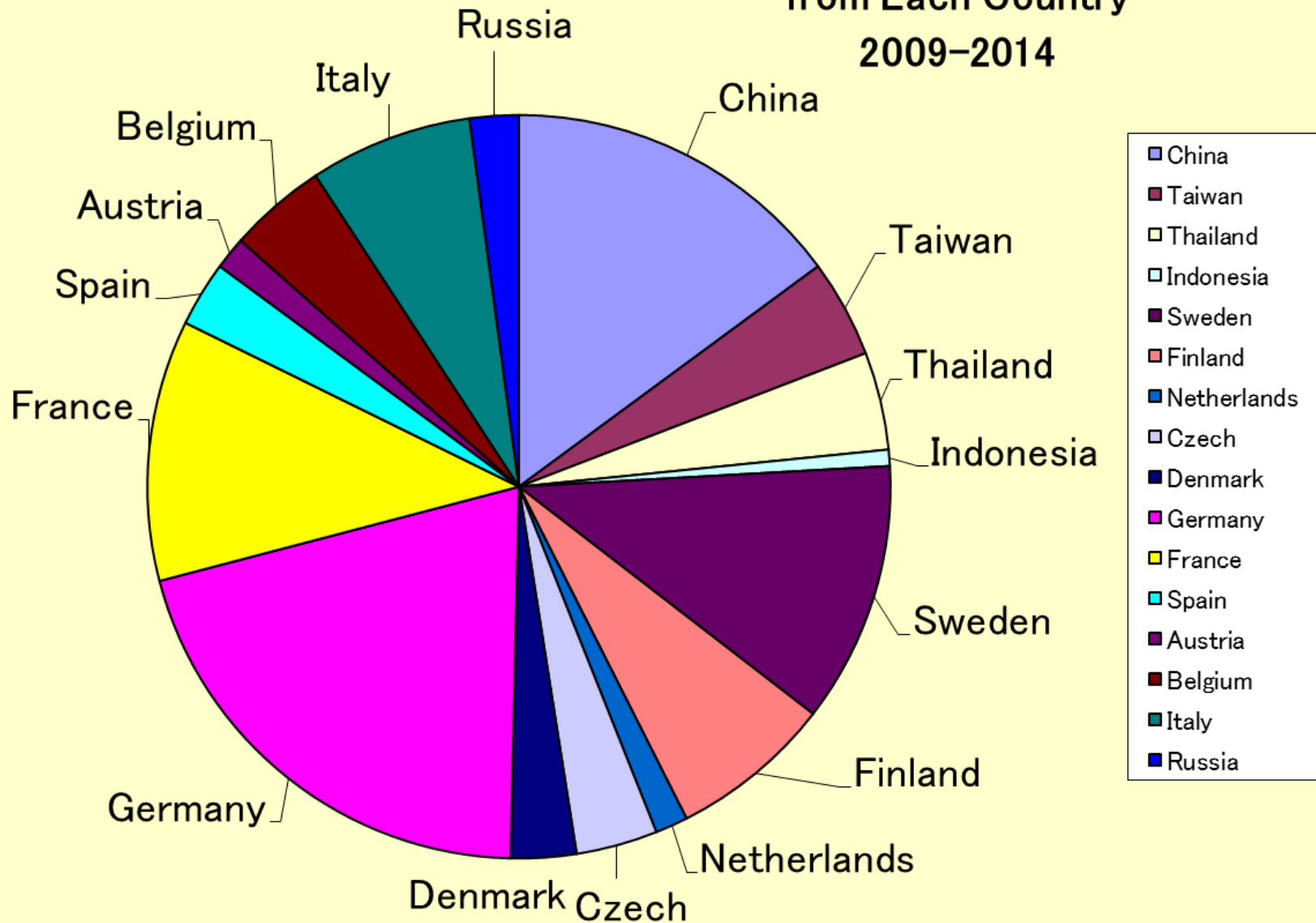
Number of Participants in Each Academic Year in COLABS



Number of participants from each university



Fraction of Number of Participants from Each Country 2009–2014



Excursions and Events

Several excursions and events are scheduled for international students.



World Heritage of "Shrines and Temples of Nikko"



Participants
Making Pottery



Excursions and Events

We also visited to some Companies.



**Nissan Motor
Company
Tochigi Plant**

This visit deepened student's understanding of the activities of Japanese companies.



Housing

The Tohoku University House Sanjo or International

House is available for the stay of participants in this program at the rate of 18,000 yen/month. The rate does not include expenses for utilities, which typically amount to 15,000 yen/month.

The cost of living in Sendai is typically 80,000 yen/month.

University House Sanjo



JASSO Scholarship

The JASSO (Japan Student Service's Organization) will award the following financial assistance for qualified students:

- **A monthly stipend of 80,000 yen,** which is received through Tohoku University.

Conclusion

The COLABS program is handled as a joint program of Graduate courses & JYPE.

JYPE & COLABS programs:

- Science and Engineering oriented
- *Individual Research Training course*
- Major courses in English of Science, Engineering and so on.
- Japanese language and culture courses

Our Motto is “**Participants First**” within the framework of given conditions.



Thank you for your attention