

國立交通大學  
交換學生心得報告

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交換期間	自 103 年 10 月 01 日 至 104 年 02 月 28 日		
研修學校/前往地點	Tohoku University (東北大学)		

**University Introduction:**

Tohoku University (東北大学), located in Sendai, Miyagi Prefecture, is a Japanese national university. It is the third oldest Imperial University in Japan and a member of the National Seven Universities. It is also considered to be one of the most prestigious universities in Japan, and one of the top fifty universities in the world.

Three core values of the Tohoku university are **Research First (研究第一主義)**, **Open-Door (門戶開放)**, and **Practice-Oriented Research and Education (実学尊重)**.

**Purpose of Visiting the Tohoku University:**

I started an e-mail communication and research co-operation with Prof. Martin Lukac, a member of the **Intelligent Integrated Systems Laboratory** led by Prof. Michitaka Kameyama, in Summer 2013. Based on the agreement between our universities, I was invited to visit their research group as an exchange student during the fall term 2014. Immediately after my arrival, I have received a desk in the laboratory and started a regular research discussions with both, Prof. Martin Lukac and Prof. Michitaka Kameyama.

The main research topic that we have been working on is concerning the **variance reduction** techniques employed by the **Monte Carlo evaluation methods**.

Our most recent objective is to publish a research article by the end of this semester.

Besides basic Japanese language and culture courses, I have been taking a research course called **IRTLab 4** with a load of 30 ECTS credits.

**Extra-curricular activities:**

From the very first days until now, I have been actively joining the **Foreign Student Association of the Tohoku University**, whose members are providing help to new-coming students when opening a bank account, paying the dormitory and insurance fees, applying for a residence card etc.

Members of this association have been actively supporting the international students also through organizing various extra-curricular activities and social events during the weekends and holidays.

### **Assistance and Support:**

Concerning the assistance provided by the **NCTU OIA** staff and by the personnel of the **Tohoku University Student Exchange Division**, I am more than 100% satisfied. Both sides have been always responding all my inquiries practically immediately and always tried to do their best to help me with all kinds of my questions, doubts and inquires.

They are doing a wonderful job and have my most sincere respect and appreciation.

### **Comments:**

The only comment that I have is that international students of NCTU (as non-citizen of the Republic of China) are not eligible to apply for any kind of scholarship or financial support, which I am personally not finding very fair. Since my project funding in Taiwan are during my stay at the Tohoku University stopped, I am forced to cover all my living expenses from my own savings, which is making my stay here kind of very difficult.

However, I am very thankful for having received the opportunity to take part on this wonderful and very enriching exchange program as well as for your precious time spent to read my report.

In case of further questions, please, do not hesitate to contact me. It will be my honor and pleasure to provide you more information related to this very valuable and important part of my graduate studies.

Sincerely Yours,

Martin Hornansky

### **Picture attachment:**

Self-introduction during the welcome party:



Lunch gathering with international students and members of the volunteer group MORI:



During the break of the Japanese language and culture lesson:

