

Returnee's Report

Name	Toshinori Fukuta
Department	Department of Scientific and Engineering Simulation
Grade	2
NITECH Advisor	Associate Prof. Akinobu Lee
Exchange University	ESIGELEC
Exchange University Advisor	Cecilia Brunel
Country, City	France, Rouen
Duration	8.31.2010 – 9.30.2010 (31 days)

Program Report

<Program Contents>

In this program, I studied about (i) Solving problem using meta-heuristics algorithm, (ii) Designing database based on SQL. About (i), I studied meta-heuristics algorithm in lecture. Next, I made the program based on that algorithm. And we made the experiment and made the presentation of the result.

About (ii), I studied SQL queries and method of designing database based on SQL through examples and exercises. After that, we were given problems and needs in imaginary company. And we designed the database of system that met the needs.

<Achievements/Ambitions>

About meta-heuristics algorithm, I used simulated annealing algorithm on traveling salesperson problem and showed a good result. In the future, I will consider meta-heuristics algorithm when I have to solve a problem.

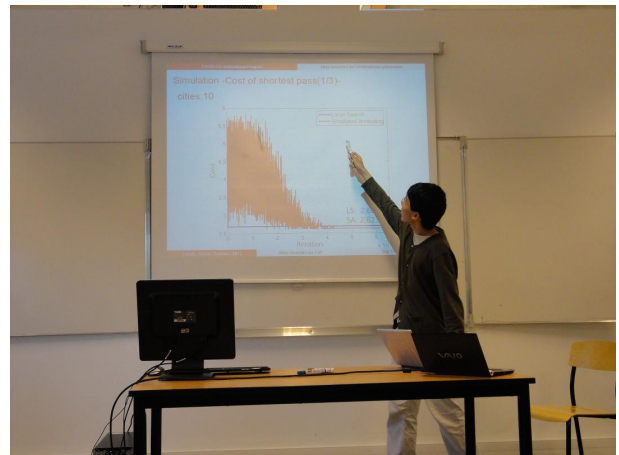
About designing database based on SQL, we learn that database can process data flexibly. I will consider using SQL on my system that is developed on my graduation work.

1 month staying reduces my resistance to English. I can talk with English, but I cannot translate Japanese into English quickly. So, in the future, I will need to make it a rule to have exposure to English on a routine basis.

Through international exchange, I recognized good/bad points of Japan/France. After graduation, taking advantage of difference between Japan and the other countries, I want to design and develop products that are used globally.



French class



Presentation of experiments and results



Party of international students