

Internship at Institute of Fluid Science at Tohoku University

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Research

I studied at Tohoku University under supervision of Prof. Maruyama during Aug/2010 - Nov/2010. My research topic there was numerical study of transitional natural ventilation flow driven by line source plume with varied Reynolds number and Prandtl number. I presented some of the results at ICFD2010. Furthermore, I conducted preliminary experiments using interferometer for a confined plume in water.

Throughout my stay, I could obtain a map for transitional flow behaviours for changing Reynolds and Prandtl numbers, and also could learn about interferometer and obtain some results for laminar plumes.

This internship was very fulfilling in terms of both research work as well as building relationships with other young researchers and collaborating with them.



ICFD2010 Friendship Night

Global friendship

One of the greatest things about this internship was certainly that I could meet

wonderful people at Maruyama-Komiya Lab where I did my internship. Especially, there are quite a few international students in this laboratory, so I could meet with people with a variety of nationalities and become very good friends with them. Also, through this internship, I could get to know people of many different research backgrounds. This was really great. Discussing with those people provided me of many different viewpoints, which I believe will be very useful in my future career.

Finally, thank you very much for giving me such a great opportunity.



Imoni-Party at Maruyama-Komiya Lab