
My GCOE Internship in Instituted of Fluid Science

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Thanks to the Global COE Program, I had an opportunity to study in the Takagi and Uchimoto Lab of IFS from October 2010 to March 2011. At the end of my internship period, a disastrous earthquake happened and my internship period suddenly ended. But the internship experience is always great and worth remembering.

1 About My Study

My topic in the GCOE program is “Nondestructive evaluation of residual strain and stress of structural materials in nuclear power stations by EMAT-EC dual probe.” Though similar to my subject in Tsinghua University (Stress testing), the EMAT and ECT methods are still new to me. This program begins from paper reading and ends with my own experiments and discussion; it is quite a whole process. Prof. Takagi and Prof. Uchimoto are so kind and patient in teaching me. With their help, the study period has gone well. Though the final result is not as ideal as I used to think, residual strain evaluation with EMAT method is clear. Of course, future work in analyzing the data is still needed.

2 About Sendai and Japan

The lives in Takagi’s laboratory are very good, too. Everyone here is so different and so kind. Though my Japanese is poorer than 3 years old boy, there is almost no problem in living during the time I stayed in Sendai. Also, during the period, I was lucky to attend several Japanese culture parties, including the “芋煮会”, “忘年会”, etc. The most important one, I think, is the Japanese New Year. Though both in Asia, it is still quite different from China. Blessing at “八幡宮” at 0:00 of the New Year is quite a fresh experience to me.

A week before my period ended, an earthquake with a Richter scale of 9.0 happened. Then I left Sendai with other Chinese people earlier. Actually, I didn’t know the detail until I found a chance to connect the internet. The tsunami is totally out of my imaging. Until now, as the news says, the influence of No.1 NPP in Fukushima is still unclear. But as what I saw in Sendai after the earthquake, Japanese people work great in the face of the disaster. I always hope and believe everything will recover soon.



Memory of the Year-End Party