



■コース生 (第5期生) の活動報告

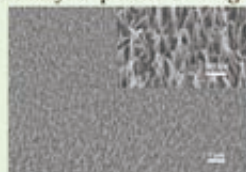


**Sameh Ahmed
Okasha Zaki
Mohamed**

総合理工学府 物質理工学
一貫制博士1年(修士1年)

Green Asia (GA) is very impressive program. It gives chance to their students to learn and aware about global environment by participation in different activities. I am Sameh Okasha, Bachelor of chemical Engineering, Cairo university from Egypt. From last year I got an opportunity to study in Japan at Prof. Yanagida lab, Molecular and Material Sciences. I started my master degree to research in catalytic activity of Nanowires. GA has interesting activities such like Industrial Systems and Practice School. This year, I did an Industrial System trip in Taiwan (National Sun Yat-sen University) where different research topics presentations by professionals. Furthermore, visiting mega solar power plant and Mitsubishi museum. In addition to getting project management course by Chiyoda company as a part of industrial system course. While in Practice School, I got a chance to do extra research in acoustic optical- properties of Nanowires in Germany as part of Ludwig-Maximilian university.

All of those activities in first year wouldn't performed without direct support of Green Asia program. I become eager and exciting to start any kind of activity from it. I feel optimistic to start my 2nd year with the last required activity for qualification exam of lab rotation where performing sets of experiments of Catalytic activity of Nanowires after mastering their fabrication.



**Rezkia Dewi
Andajani**

工学府
地球資源システム工学
一貫制博士1年(修士1年)

Hello all! My name is Rezkia Dewi Andajani, from Indonesia. It's been almost a year since I came to Japan. I am a student of Earth Resource Engineering Department, supervised by Professor Takeshi Tsuji. I mainly study about seismic wave, currently I am still continuing my work to analyze the behavior of seismic surface wave in geothermal reservoir. This time, I would like to talk about my latest activity in Green Asia (GA) program during this summer vacation. One of the course I have just finished is Practice School. Practice School is a mandatory course in GA program, in which we are obliged to do short internship in a company or research institute. Honestly, this subject sounds challenging. At first, I was worried about it, my mind was full with questions. 'How am I going to apply for the job?', 'Will I ever find the job that is suitable with my field study?' I believe such questions are natural, especially for those who are still new to the program. Turns out, everything went well in the end. Thanks to the guidance from my supervisor and supports from GA staff, I was able to accomplish this subject. Since my field study is related to seismic waves, I became an intern in a company that is an expert in this field. Within a short time, the worries for that turns into an exciting and valuable experience. I honestly think that, the practice school is one of the important elements from GA program. Aside from gaining new experiences and useful skills, I could also use this short term intern as an opportunity to build connections among people in the place where I worked. Personally, experiencing the work culture in Japanese company becomes an additional value for myself. Who knows, I might not have such an opportunity had I not enrolled in this program.



**Hasan Muhammad
Faisal**

総合理工学府
環境エネルギー工学
一貫制博士1年(修士1年)

I have started my masters program as a Green Asia student last October. I have already completed most of the theory courses. Currently I am concentrating on my research which is on development of honeycomb absorber solar air heating system. Utilization of solar thermal energy for space heating can reduce the cost of building heating system and can reduce our dependence of fossil fuels. Enhancement of efficiency, high solar heat gain by solar air collector and effective heat transfer to the air is still a challenge. A honeycomb absorber solar air heater (SAH) has been developed by our research team, which can address the mentioned problems. I am now doing the simulation of the system by Ansys Fluent software. After completion of the simulation I would like to design and build an optimum model of the total system and analyze its performance.

The research experience in this university is enriching my knowledge and definitely it will help me to adapt and work in different environment in future. These activities enhance our skills, confidence and give us opportunity to move forward. I am confident that the world class research experience and skills will definitely pose a positive impact on my career and it will help me to contribute to the development of my country in near future. I must say that the GA program is well organized and rich in its class, with some very cooperative staff. I would like to thank the GA team for giving me the opportunity to be a part of this family.

