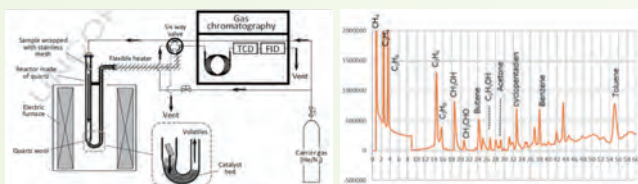




Ni'mah Ayu Lestari

総合理工学府
量子プロセス理工学
一貫制博士1年(修士1年)

It is such a challenge for experiencing lots of activities in Green Asia program. Unlike an ordinary master course program which is only joining related lectures and conducting a research. Green Asia never fail me to love their activities more. Let the students broadening their knowledge beyond their specialties by learning other fields such as economy, social, industrial and environment. It is indeed completing our point of view about a problem. Had a chance to listen real experience from the expert who work in industry from industrial system lecture educating us on how to create a project as an engineer. The activity certainly not only take place in the class and inside campus, but also had touring in the real plant site. We spent 3 days domestic industry tour outside of Fukuoka and some students also spent 5 days overseas industry tour. And now I started already my laboratory rotation to do an experiment about the topic still related to my major research topic. It allow us to grasp a deeper understanding of research. Doing 2 labwork in parallel along with other activities is surely not an easy thing. However those are the effective way to train us managing our time and business, how to make it work effectively. And 2 months later, I have to go internship in research institute in Tokyo in order to get an experience of real work in applying our knowledge during studying.



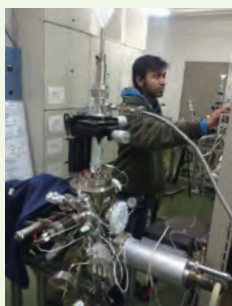
My main research concerning about handling one of substituent in lignocellulosic biomass that is lignin. Focused on how to produce aromatic from lignin via fast pyrolysis process and reforming. Even though it is still not yet showing feasible result, I am still striving to modify the process parameter to give high yield of desired product.



Kibria Mohammad Tawheed

総合理工学府
物質理工学
一貫制博士1年(修士1年)

Time is flying so quickly. It has been almost one year I'm studying Master course in Kyushu University at Molecular and material science department. As a Green Asia student, I am conducting my research studies in Surface Sciences (Mizuno and Nakagawa) lab at molecular and material sciences department.



In the previous research we extensively studied the surface structure of Si-adsorption on Ni (111) by Auger Electron Spectroscopy (AES) and Low-Energy Electron Diffraction (LEED). We obtain several phase transition of Si-adsorption on Ni (111) surface. Every phase transition was identically determined by the different measurement of AES and LEED pattern observation. In recent past years, several article was identified an ideal two-dimensional ferromagnetic system with pseudomorphic growth mode and a large strain of Fe monolayer on W (110). In this regard currently we would like to study the structural and magnetic properties of different materials on W surface by using low energy electron diffraction (LEED), surface magnetic measurement technique (MOKE) and scanning tunneling microscopy (STM). We are intended to study for evaluating the magneto crystalline anisotropy energy of different material by depositing several transition metals on W surfaces.



Cheng Xiaoyang

総合理工学府
物質理工学
一貫制博士1年(修士1年)

It has been nearly one year since I came from China and study in Japan from last September. Now I am a master 1st student belongs to the Advanced Green Asia Graduate Program. After this one year's study process, I am grateful as one of the members in GA Program. As the aim of the Green Asia program is to foster a creative leader who can undertake the challenges of balancing economic development and the environment, the set courses covers not only the fundamental scientific knowledge, but also concerns on the economic, social and environmental issues which can fulfill the aim of balance. What's more, we also experience the lab rotation, practice school and also international internship parts, which all supply us lots of experience and.



My major in Yokoyama laboratory is the fabrication of waveguide devices. My main topic is about the micro-ring resonator, which is a hot topic intensively due to the huge demand of the big data traffic. The conventional resonator is based on the silicon material but it still has a lot of problem urging to solve especially with the core material. Considering this, my group is aiming to research the new devices based on the polymer material, which can heavily reduce the cost and promote the property, even more, reduce the energy consumption. Though it is still a new and challengeable topic for me, I am still interested into this field and will do my best to achieve my goal. I am sure that through the Green Asia Program I can achieve great experience which will be useful for my future career.