

## **Report of Fluidic MEMS Summer School Programme**

After commencing my PhD degree some months ago, I was keen on improving my experimental skills in microfabrication. Understanding the principles of Micro-Electro Mechanical Systems (MEMS) was very important to my PhD research at the University of Auckland, New Zealand since I am currently investigating “near-real time detection of bacteria cells using microfluidics system”.

My desire to improve my skills in microfabrication inspired me to apply for the Fluidic MEMS Summer School Programme at Jade University. During my search for a summer school, I discovered that the Fluidic MEMS programme at Jade University is the only summer school in the world that offers a comprehensive three-weeks course in the field of microfluidics. This further motivated me to apply to the Fluidic MEMS in order to learn from the best.

My application process went smoothly and I was so excited when I got the acceptance and scholarship letter from Iris Wilters. The DAAD funded scholarship to attend the Fluidic MEMS summer school at Jade University is one of the best things that has ever happened to me. In particular, the travel allowance made it very easy for me to travel to Wilhemshaven considering the fact that I was travelling from New Zealand.

The student representatives received me very well on arrival to the Wilhemshaven and Iris Wilters communicated effectively with us on the group’s Facebook page to inform us about important arrival information and events which were really helpful.

The summer school exceeded my expectations in terms of quality of teaching and experiments. The professors and technicians were very dedicated to the Fluidic MEMS course and I learnt so much in three weeks. One of the microfabrication projects that really amazed me was the integration of optical fibres in a microfluidic device to detect the size of glass particles. The techniques I learnt from this project would be very impactful in my current research work.

The extracurricular activities and events organised during the summer school programme was amazing. The visit to Airbus production factory and Miniature Wonderland in Hamburg are events that will forever be in my memories. It was such a great opportunity provided to us by the summer school event planning team.

The Fluidic MEMS also improved my networking skills because I met people from different parts of the world and it was a great opportunity to learn about their culture and share ideas with them. In general, I really enjoyed the Fluidic MEMS Summer School and I would always recommend it to future students that have interest in the field of microfluidics.

Thank you.