

IEEE SA Section Student Travel Award - URSI General Assembly 2005

Kin Shing Bobby Yau

This is a summary of my two weeks overseas research trip, kindly sponsored by the IEEE SA Section through the IEEE SA Travel Award.

My first destination was QINETIQ in Malvern. As Churchill has once said, "The Battle of Waterloo may have been won on the playing fields of Eton, but the Battle of Britain was won on the playing fields of Malvern". It is hard to believe that within such peaceful and tranquil surroundings, cutting-edge research on Ionospheric Propagation and Satellite communication are being carried out at Malvern. Leading the way in this area is Professor Paul Cannon, the host for our visit at QINETIQ. Paul has showed us the some of the current work on the Galileo project and other interesting projects on Ionospheric Propagation. Many ideas were exchanged and overall a very pleasant visit.

Next part of the trip was to attend the URSI General Assembly in Delhi, India. As part of the URSI Young Scientist Programme, I had the opportunity to meet the many fellow young Radio Scientists from all over the world. It was a great opportunity to build up a network of contacts, which will no doubt be useful in the future as further research endeavours are pursued. The presentation of my paper, entitled "An Efficient Ionospheric Propagation Simulator for High Frequency Signals", was a great success with many positive feedbacks from established researchers in the field. This alone would have made the whole trip worthwhile.



Some of my fellow URSI Young Scientists

So in all it was a trip packed full with work and wonderful experiences. India was certainly an eye-opener and a completely different environment to what I have encountered before. While the United Kingdom is in so many ways similar to Australia, its rich sense of history is ever-present and there are many wonderful stories to be heard.



Lasting memories from India

I would like to take this opportunity to thank the IEEE SA Section for their kind and generous support. Without the travel grant, this study trip, and the myriad of experience that I have accumulated, would not have been possible.