

Best Student Paper Award (NTU ClassACT Issue 78, September 2009)

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*PhD student Zhang Feng is lauded at a major international conference for his research in fibre optic communications.*

A graduate student at the School of Electrical & Electronic Engineering (EEE) has snared the prestigious IEEE (Institute of Electrical and Electronics Engineers) Best Student Paper Award at the 14th Optoelectronics and Communications Conference (OECC), held in Hong Kong from 13 to 17 July.

Zhang Feng, who is pursuing his doctoral studies at NTU's Network Technology Research Centre after graduating with a First Class Honours degree in Engineering from NTU, was feted at the conference for his paper, "Optimised Design of Node-and-Link Protecting p-Cycle with Restorability Constraints for Optical Multicast Traffic Protection".

In his paper, which he co-authored with his supervisor, Prof Zhong Wende, a Professor at EEE's Communication Engineering Division, Zhang Feng addressed the survivability problem of high-capacity wavelength division multiplexed optical networks, and proposed a better design approach to protecting optical multicast trees against both link and node failures.

Organised by the Hong Kong Polytechnic University, OECC is a prestigious conference that presents the latest in the field of fibre optic communications and networking technologies. Co-sponsored by the IEEE Photonics Society Hong Kong Chapter and the IEEE Hong Kong Section, the conference attracted delegates from countries across the Asia-Pacific.



Making an impact: Zhang Feng (right) receiving the award from Dr. Hideo Kuwahara, the Co-Chair of the International Advisory Committee of OECC 2009 at Hong Kong