

ELECTRONIC/COMPUTER ENGINEERING GRADUATE WINS MAURICE F FITZGERALD PRIZE, 2010



Pictured is Mr Niall Murphy (second from left), winner of the Maurice F FitzGerald Prize for 2010, with Trustees Mr Finbar Callanan, Professor John Fitzpatrick and Professor John Byrne.

Mr Niall Murphy, a 2010 Electronic/Computer Engineering graduate, was awarded the Maurice F FitzGerald Prize which was presented to him at an award ceremony held in the Museum Building, TCD on Friday, 5th November, 2010.

This prize was instituted in 1961 by a bequest from Anna Maria FitzGerald and is awarded annually, where sufficient merit is shown, on the nomination of Trustees based on the results at the final examination for the degree of B.A.I. Candidates must have achieved distinction during the engineering course and be making satisfactory progression of their knowledge in the profession of engineer.

Following obtaining a bachelor's degree from Trinity College, Niall was admitted as a graduate student to the University of Cambridge where he is currently undertaking research in the Computer Laboratory towards the degree of M.Phil in Advanced Computer Science. Niall's research lies in the general field of computer architecture and specific interests include reconfigurable hardware, massively parallel and adaptive architectures and hardware synthesis. Following the M.Phil, Niall aims to complete a PhD based on these interests.

The state of research in computer architecture has reached a critical stage where the enhancement of current designs is no longer yielding the exponential improvements in performance which engineers and consumers have been enjoying for years. Niall's research in parallel, adaptive architectures forms part of a new model of computing which aims to vastly improve computational capability.

In recognition of Niall's research to date and of other academic achievements, Niall has received an award from the Engineering and Physical Sciences Research Council (EPSRC) Doctoral Training Account.

The Trustees for this prize consist of the Provost, Dr John Hegarty, Professor Clive Williams (Dean of the Faculty of Engineering, Mathematics and Science), Professor John Fitzpatrick (Chair of the Trustees), Professor John Byrne (former Dean of the Faculty and Head of Computer Science) and Mr Finbar Callanan (former Director General of Engineers Ireland).