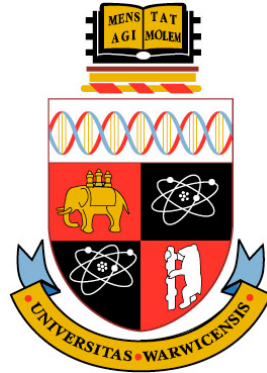


THE UNIVERSITY OF  
**WARWICK**



**Computers for learning:  
An Empirical Modelling perspective**

by  
Chris Roe

**Thesis**

Submitted in partial fulfilment of  
the requirements for the degree of  
**Doctor of Philosophy in Computer Science**

Department of Computer Science  
University of Warwick

November 2003