

# Curriculum Vitae

Ian Keith Robinson  
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Age: 50

## ***Education and Qualifications***

- 1975-80      Bury Grammar School for Boys  
1980-82      Bury Grammar Sixth Form College  
                 4 A-levels:-Mathematics, Physics, Chemistry, Gen Studies  
1982-86      Aston University, Birmingham  
                 B.Sc Pure and Applied Physics  
1990-91      Manchester University School of Education  
                 P.G.C.E - Physics  
1992-95      University of Salford  
                 M.Sc Computational Physics  
                 Part-time masters in numerical modeling and computer simulation. Two year  
                 taught component successfully passed along with an original research thesis  
                 involving software simulation of High temperature Superconductors using  
                 Monte Carlo methods.  
2006 -14      University of Salford  
                 Ph.D Computational Physics  
                 Part-time research continues from my Masters project in developing  
                 computational simulations of ordering of condensed matter particularly  
                 Hydrogen Diffusion through solid metal lattices and ordering of small-  
                 scale atomic clusters calculated via ab-initio solutions to Schroedinger  
                 Wave equation for atomic orbitals.  
  
                 (In the vernacular:- developing computer programs that run on clusters  
                 of fast machines modeling how atoms settle into regular patterns in  
                 solids to link theoretician's models to experimental results)  
  
                 Ph.D passed pending minor corrections

## ***Previous Employment***

- 1986-88      Eighteen months spent researching and writing a book about nuclear weapons  
                 and SDI technology. Various part-time employments to support the above.  
1988-90      Deputy bookshop manager.

## ***Teaching Experience***

### **Full-Time**

Feb 07 - Assistant manager, Science at a large 6<sup>th</sup> Form College  
June 99- Feb 07 Head of A-level Physics and Computing, Blackburn College.  
June 95- June 99 Lecturer in Physics and Computing, Blackburn College, Lancashire.  
Jan 92-95 Teacher of Science and Mathematics at a catholic high school, South Manchester.

### **Part Time**

04 - 05 Coursework Moderator, OCR A-Level Physics (Advancing Physics)  
01 - 04 Senior examiner AEB A-Level Computing  
99 - 03 Tutor-Councilor at the Open University.  
99 - 01 Coursework moderator, AEB A-Level Computing  
96 - 01 Assistant examiner, AEB A-Level Computing.  
94-97 Assistant Examiner, Southern Examining Group GCSE Physics.  
92-93 Private A-level Physics Tuition

### ***Referees***

available on request