

## Summary CV for Rev Prof Stella Mills as at September 2015

*Academic Qualifications:* BSc(Hons), Pure Mathematics (1971), MSc by Research in Pure Mathematics (1973), PhD, Pure Mathematics (1977), MTh, Rural Ministry, (2005), Associate of Trinity College of Music, University of London (ATCL) (1976).

*Professional Qualifications:* Corporate Member of the British Computer Society (MBCS), Corporate Member of the Institution of Electrical Engineers (MIEE), Chartered Engineer (CEng), (Life) Fellow of the Institute of Mathematics & its Applications (FIMA), Chartered Mathematician (CMath), Associate Fellow of the Royal Institution of Navigation (AFRIN), Fellow of the Academy of Higher Education.

*Academic Position:* Professor of Human Computer Interaction, Staffordshire University (2005-2015).

*Previous Employment from 1988:* University of Gloucestershire, Lecturer, Senior Lecturer and Reader (from 1994) in Human-Computer Interaction. Also Faculty Research Director for The Business School (1999-2005).

*Professional Experience:* Have served on the Council, the Technical Board and the Publications Board of The British Computer Society (BCS) and participated in course accreditations for the BCS. I have been an Honorary Research Fellow at the University of Birmingham (School of Mathematics & Statistics) where I have acted as internal moderator for the Level 3 course in the History of Mathematics. I also have refereed papers for publication in *Interacting with Computers*, *The Journal of the Institute of Navigation* and other refereed journals.

*Supervisory Experience:* Have successfully supervised ten PhD students in a range of subject areas from pure mathematics to aeronautical engineering (digital signal processors) as well as applications in health sciences. Some of these students have been industrially sponsored and others have been self-financing. Subjects in detail include geometry, Poincelet's work in geometry, usability of graphical user interfaces, problems of designing virtual reality systems, the use of Internet and electronic communications in financial advising, internet recruitment, thermal switching for aircraft design. I have also supervised four MSc theses.

*Examining Experience:* Have examined ten PhDs and three MPhil/MSc theses. In more detail, the PhD theses have included history of geometry and history of Portuguese modern mathematics, neural networks for the financial industry, mathematical geometry in sculpture as well as AI agents for text analysis and semantics. I have chaired and sat on Faculty and University Committees as well as acted as an external examiner for undergraduate computing courses. I have also participated in many validation and accreditation events.

*Publications:* I have over 40 published refereed journal papers across theology, health sciences and computing, as well as book chapters and conference papers.