

Curriculum Vitae – Martin J. Turner

Dr Martin J. Turner BA MA (Hons Cantab) PhD CMath MIMA

Research IT, IT Services, The University of Manchester, Manchester M13 9PL UK

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Blog/About page: <https://visualisationmatters.com/>

Academic Qualifications

1987-1994 St. John's College, Cambridge

PhD in Computer Science *Image Coding* & BA and MA (Hons Cantab) Computer Science Tripos 1st Class

Member of the BCS, ACM (SIGGRAPH Pioneer), IMA (CMath MIMA), EG

Employment Positions

2015- **Business Relationship Manager** for Research IT, University of Manchester

2012-2021 Roles in STFC: Seconded as the Visualisation Group Leader for the SCD (2013-17); **Visiting Scientist** (2017-21); Seconded as the Visualisation Director for the Harwell Imaging Partnership (2012-15)

2009-2015 External Service Developments Manager, **Research Computing Services**

2004- **Honorary Lecturer** at Computer Sciences, the University of Manchester

2004-2009 Visualization Team Leader of **Manchester Visualization Centre**, Manchester Computing

2003-2004 Joint responsibility **Virtual Environment Centre**, De Montfort University

1999-2003 **Course Leader** for the Advanced Masters in Digital Signal and Image Processing and **Head for Centre of Signal and Image Processing**, Institute of Simulation Sciences, De Montfort University

1997-2004 **Lecturer** then **Senior Lecturer** Computing Science and Engineering, De Montfort University

1994-1997 **Research Fellow** within Imaging Research Centre, School of Design, De Montfort University

Main Management, Research and Teaching Areas

Currently a Business Relationship Manager for Research IT within the University of Manchester supporting all departments related to e-Science and computational infrastructure, involving working as a project manager for numerous UKRI grants. Recently seconded as Visualisation Director for the Harwell Imaging Partnership at STFC/RAL and as Group Leader within the Scientific Computing Division in STFC/DL.

Research interests cover a broad background, specialising in visualization and mathematical topics associated with video, image and signal creation, analysis, processing and presentation. This has resulted in a short-term Fellowship with British Telecom, a published book *Fractal Geometry in Digital Imaging* by Academic Press, a series of editorial roles within proceedings, over 120 peer reviewed publications; and supervised to completion twenty-one successful MPhil/PhD students. Teaching has covered all academic levels from undergraduate to postgraduate; and is an Honorary Lecturer in Computer Science emphasizing at the MSc and PhD level. A University EIM (Emergency Incident Manager) and IT Services ITEM manager.

Consultancy/Professional Practice and Key Activities/External Grants

For the period of leadership in the University of Manchester, there has been over £5.5m for managing staff across 50+ projects and services; approx 17% for National Services, 65% Government or Research Council projects and 18% Commercial. There have also been consultancy roles for industrial liaison and work for the research councils across the UK and Ireland; including on taskforces to create strategic RC roadmaps and assess infrastructure proposals. Supervised and ran various research meeting series for PhD/MPhil students and interested researcher; while being supervisor or facilitator for 20 successful PhD/MPhil students.

Full list of publications are available on a complete CV and details at blog: <https://visualisationmatters.com/>

