

Summary of Activities

Membership of Learned Societies

- Fellow of the Institute of Physics.
- Fellow of the Institution of Engineering and Technology (IET).
- Senior Member of the IEEE.
- Member of the British Computer Society (BCS).
- Distinguished Fellow of the BMVA.

Editorships

- Associate Editor of *Pattern Recognition Letters*, 1998–.
- Associate Editor of *Real-Time Imaging* (1995–2005) and subsequently of *Real-Time Image Processing* (2006–).
- Associate Editor of *Imaging Science* (1999–).
- Associate Editor of *IET Image Processing* (2007–).
- Guest Editor (with M. Atiquzzaman) of Special Issue of *Image and Vision Computing*, **16**, nos. 9–10 (1998) on *Projection-Based Transforms*.
- Guest Editor (with H.S.S. Ip) of Special Issue on *Real-Time Visual Monitoring and Inspection*, *Real-Time Imaging*, **4**, 313–315 (1998).
- Guest Editor (with S. Velastin) of Special Issue of *Pattern Recognition Letters*, **27**, no. 15 (2006) on *Vision for Crime Detection and Prevention*.
- Associate Area Editor of Laplante, P.A. (ed.) *Comprehensive Dictionary of Electrical Engineering*, CRC Press and IEEE Press. (1999), for which he managed and edited over 1000 terms.
- Editor of *BMVA News*, 2001– (during which period he has made it a much larger more impressive organ, often containing many colour pictures).
- Founding Editor of the *Annals of the BMVA*.

Refereeing

In addition to his editing work, Roy does a substantial amount of refereeing:

- Referees typically 40 journal papers per year on Machine Vision and Pattern Recognition, and is a *regular* reviewer for the following journals: *Electronics Letters*, *IEEE Trans. ASE*, *IEEE Trans. IP*, *IEEE Trans. PAMI*, *The IET Vision Journals*, *Image Vision Computing*, *Machine Vision and Applications*, *Measurement Science and Technology*, *Pattern Analysis and Applications*, *Pattern Recognition*, *Pattern Recognition Letters*, *Signal Processing*.
- Referees typically 60 conference papers per year on Machine Vision and Pattern Recognition, and is a *regular* reviewer for the following annual/biennial conferences: AVSS, BMVC, IASTED, M²VIP, VIE, VISAPP, VS, WIAMIS.
- Has served as a Machine Vision expert on the UK EPSRC College of Reviewers continuously since 1996.

BMVA activities

- **Awarded BMVA Distinguished Fellow, 2005.**
- Member of the Executive Committee of the BMVA since 1994.
- Meetings Officer of the BMVA, 1995–1998.
- Editor of *BMVA News*, 2001– (during which period he has made it a much larger more impressive organ, often containing many colour pictures).
- Founding Editor of the *Annals of the BMVA*.
- Member of the BMVA Annual Conference Programme Committee 1994–, and Area Chair at many; Session Chair at many.
- Presenter at the BMVA/EPSRC Annual Summer School for PhD students, 2006–.
- Co-organiser of BMVA technical meeting *Colour in Vision Analysis*, 14 June 2006.

IEE/IET activities

- Member of the Executive Committee of IEE E4 *Image Processing and Vision* Professional Group, and Editor of *E4 News*, 1994–1999.
- Member of the Executive Committee of IET VIE *Visual Information Engineering* Professional Network, 2004–.
- Member of Organising Committee of IET Int. Conf. on *Visual Information Engineering*, Xi'an, China, 29 July – 1 August 2008.
- Co-organiser of IEE/IET technical meetings on *Non-linear Filtering* (1994), *Industrial Inspection* (1997), and *Non-Linear Signal and Image Processing* (1998).

Teaching and Examining

- Presenter at the BMVA/EPSRC Annual Summer School for PhD students, 2006–.
- Presenter of Tutorial on “Methodology for the systematic location of objects and structures in images”, at IET Int. Conf. on *Visual Information Engineering*, Royal Statistical Society, London, 25–27 July 2007.
- Examiner of more than 100 PhD theses on Machine Vision and Pattern Recognition.
- Supervisor of many PhD students on Machine Vision and Pattern Recognition.
- Has taught courses on Pattern Recognition, Image Processing and Machine Vision at the University of London for over 30 years.

Invited papers

For invited and other papers see [Publications on Machine Vision](#).

Achievements

For contributions to various areas of the subject, see the discussion accompanying the [Publications on Machine Vision](#).