

Philip Harrison: Summary Curriculum Vitae

Philip Harrison is an independent forensic consultant specialising in the analysis of speech, audio and recordings. He has twelve years' experience of forensic work at J P French Associates, having worked on over 1000 cases in the areas of authentication, enhancement, transcription and speaker comparison, as well as many miscellaneous cases.

He holds a first class honours degree (BEng) in Acoustical Engineering from the Institute of Sound and Vibration Research, University of Southampton and an MA with Distinction in Phonetics and Phonology from the Department of Language and Linguistic Science at the University of York.

He is an elected Member of the Institute of Acoustics (MIOA), of the International Association for Forensic Phonetics and Acoustics, and of the British Association of Academic Phoneticians. He is a committee member of the Speech and Hearing Group within the Institute of Acoustics.

He was appointed a specialty assessor in the area of Audio Analysis for the Council for the Registration of Forensic Practitioners (CRFP) and was responsible for producing the assessor documentation for the Speech and Audio Analysis specialty.

He holds the position of Teaching Fellow in the Department of Language and Linguistic Science at the University of York and is involved in lecturing on a post-graduate course on forensic speech science. He has been employed as a tutor on forensic speech analysis at the International Summer School in Forensic Linguistic Analysis.

He is actively involved in research in the areas of forensic speech and audio analysis. His current projects include determining acoustic properties of different mouth and face coverings, investigating errors associated with formant measurements and the evaluation of automatic speaker identification systems. He regularly delivers lectures and presentations to academic

conferences and universities in the UK and abroad. He was also centrally involved in the formulation of a new framework for expressing conclusions in forensic speaker comparison cases which has now been universally adopted by experts within the United Kingdom.

As well as being involved in the peer-review of research papers submitted to academic and professional journals, he has published the following work:

- Harrison, P. (2001) 'GSM interference cancellation for forensic audio: a report on work in progress'. *Forensic Linguistics: The International Journal of Speech, Language and the Law* Vol. 8(2).
- French, J.P. & Harrison, P. (2004) 'Case Report. R -v- Ingram, C., Ingram, D. and Whittock, T. The Who Wants to be a Millionaire? Fraud Trial'. *International Journal of Speech, Language and the Law* Vol. 11(1).
- French, J.P. & Harrison, P. (2006) 'Investigative and evidential applications of forensic speech science'. In A. Heaton-Armstrong, E. Shepherd, G. Gudjonsson and D. Wolchover (eds.) *Witness Testimony: Psychological, Investigative and Evidential Perspectives*. Oxford: Oxford University Press.
- French, J.P., Harrison, P. & Windsor Lewis, J. (2006) 'Case Report. R -v- Humble, J.S. The Yorkshire Ripper Hoaxer Trial.' *International Journal of Speech, Language and the Law* Vol. 13(2).
- Harrison, P. (2007) 'Analysis of "The Pruszyński Tape"' (report on recording of gunshots). In Ayton, M. *The Forgotten Terrorist: Sirhan Sirhan and the Assassination of Robert F. Kennedy*. Washington: Potomac Books.
- Harrison, P. & French, J.P. (2007) 'Forensic speech analysis and the logically coherent expression of conclusions'. In Turell, M.T., Cicres, J., & Spassova, M. S. (eds.) *Proceedings of the 2nd European IAFL Conference on Forensic Linguistics / Language and the Law 2006*. Barcelona: IULA: DOCUMENTA UNIVERSITARIA
- French, J.P. & Harrison, P. (2007) 'Position Statement concerning use of impressionistic likelihood terms in forensic speaker comparison cases.' *International Journal of Speech, Language and the Law* Vol. 14 (1).
- Harrison, P (2008) 'Formant measurement errors from synthetic speech'. *Proceedings of the Institute of Acoustics* Vol. 30(2), 638-645.

Llamas, C., Harrison, P., Donnelly, D. & Watt, D. (2009). Effects of different types of face coverings on speech acoustics and intelligibility. *York Papers in Linguistics* (Series 2) 9: 80-104.

He has been involved in cases from a range of countries including Eire, Ukraine, Uganda, Hong Kong, Pakistan, Ghana and Gibraltar as well as the UK. He has also worked on cases heard by the International War Crimes Tribunal in The Hague and the Bloody Sunday Inquiry.

He has appeared as an expert witness in Crown Courts in England, including the Central Criminal Court (the Old Bailey), the Sindh High Court, Karachi (court removed to England to hear expert evidence) and the High Court in Accra, Ghana. In criminal cases he undertakes work for both prosecution and defence. Some high profile and international cases in which he has acted are:

United Nations -v- Slobodan Milošević. Trial for Genocide, Crimes Against Humanity and Violations of the Laws or Customs of War, The International Criminal Tribunal for the Former Yugoslavia, The Hague. 2003 - 2006. Instructed on behalf of Tribunal Judges (ie, independent of prosecution and defence). R

See: <http://www.un.org/icty/milosevic/trialc/decision-e/040614.htm>

R -v- Nathan Martin, Marcus Ellis, Michael Gregory, Rodrigo Simms & Tarfarwa Beckford. Trial for the shooting and murder of Charlene Ellis and Letisha Shakespeare in Birmingham, January 2003. Leicester Crown Court, November 2004 – March 2005. Instructed by the Defence for Beckford. R

See: http://news.bbc.co.uk/2/hi/uk_news/england/west_midlands/4276207.stm

Sarah Forsyth -v- Eton College. The Prince Harry A-level Art tape. Employment Tribunal Hearing, Reading, Berks. Judgment July 2005. Instructed for the claimant. R

See: <http://education.guardian.co.uk/publicschools/story/0,12505,1327985,00.html>

R -v- John Humble. The Yorkshire Ripper Hoaxer case. Trial for attempting to pervert the course of justice, Leeds Crown Court, March 2006. Instructed by the Crown. R

See: <http://www.timesonline.co.uk/article/0,,2-2095988,00.html>

R -v- Omar Khyam & Ors. Fertilizer bomb plot trial. Trial for Conspiracy to cause explosions, possessing an article for the purpose of terrorism. Central Criminal Court, Old Bailey, London, November 2006. Instructed by the defence for various defendants. R & WB

See: http://news.bbc.co.uk/1/hi/in_depth/uk/2007/fertiliser_bomb_plot/

The State of Ghana -v- Kwabena Amaning & Alhaji Issah Abass. Trial for conspiracy to import and supply narcotic drugs and carrying out prohibited business. High Court Accra, Ghana, May 2007. Instructed by Attorney General. R & WB

See: <http://www.ghanaweb.com/GhanaHomePage/crime/artikel.php?ID=124231>

R -v- Michael Hubble. The disappearance of the yacht Ouzo after alleged collision with P&O ferry the Pride of Bilbao. Trial for three counts of manslaughter and charges of endangering lives under the Merchant Shipping Act. Winchester Crown Court, December 2007. Instructed by the Defence. R

See: <http://news.bbc.co.uk/1/hi/england/hampshire/7142272.stm>

R -v- John Fowler, Stuart Royle, Jetmir Bucpapa, Lea Rusha, Ermir Hysenaj, Roger Coutts, Louise Hogg & Keith Borer. The £53m Securitas robbery trial. Trial for conspiracy to kidnap, conspiracy to commit robbery, conspiracy to possess a firearm and handling stolen goods. Central Criminal Court, Old Bailey, London, August 2007. Instructed by Crown. R & WB

See: <http://news.bbc.co.uk/1/hi/uk/6239994.stm>

(R = Report, WB = Witness Box)