

Prof. Stephen Martin Dance FIOA, MASA, SFHEA, MIABP

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EDUCATION

South Bank University, London, UK, PhD in Room Acoustics, 1993
Royal Holloway College, Egham, Surrey BSc(Hons) in Computer Science, 1989

HONOURS AND AWARDS

- Higher Education Academy National Teaching Fellowship 2018
- Institute of Acoustics Tyndall Medal, 2014
- Acoustical Society of America Student Mentoring Award, 2012.
- Supervisor of 19 Award winning Acoustical Society of America and IOA student projects.
- EU Patent Office, Sound Absorbing Mirror, 09165797.3 - 1240, 2009.
- Acoustics Society of America Schultz Prize for Architectural Acoustics Education, 2007.
- Royal Society PhD Exchange Student with Moscow State University, 1990-92.

WORK EXPERIENCE

2019- Professor of Acoustics, London South Bank University, Acoustics Group Director leading an active team of 11 staff and researchers.

2017-2018 Associate Professor, London South Bank University, Acoustics Group Director Course Director for the MSc in Environmental and Architectural Acoustics.

2011-2016 Reader in Acoustics, London South Bank University. Acoustics Group Director Course Director for the MSc in Environmental and Architectural Acoustics.

2003-2010 Senior Lecturer in Acoustics at London South Bank University. Course Director for the MSc in Environmental and Architectural Acoustics. BEng/MSc Project Lead.

1999-2002 London South Bank University Research Lecturer in Engineering and Design

1989-1999 EPSRC funded Research Assistant / Fellow / Senior Fellow at London South Bank University in collaboration with ISVR, Southampton and Salford University.

RESEARCH INTERESTS

1994-Present Speech Intelligibility in underground stations, classrooms and theatres; measurement systems, room acoustic computer simulation, and vocal parameters.

2006-Present Music and the Noise of Performance with classical musicians from London Philharmonic, Royal Academy of Music, Royal Opera House, Royal College of Music, the Ear Institute.

2006-Present Concert Hall Acoustics in collaboration with Brighton Dome, Henry Wood Hall, Glyndebourne Opera House, Royal Festival Hall, Royal Academy of Music and the Royal Opera House

2008-Present Urban Wind Turbines piloted with Southwark Council, London then commercialised by Islington Council. Leading to the new Strata Tower at Elephant and Castle. This has worked has evolved into work with London's Heliport.

SEMINARS

2006-Present	Royal Academy of Music: Music and the Sound of Performance
1994-2017	ISVR, Southampton University: Advanced Course on Noise Control
2017-Present	The Royal Opera House
2017	BBC Singers
2014-2015	The Training Partnership, Institute of Education, University of London
2009, 2011	London Philharmonic Orchestra, Glyndebourne: Music and Noise

CONFERENCES ORGANISED

2017	ICSV	Theme Chair for Musical Acoustics, London
2017-	CIBSE	Scientific Committee for the Technical Symposium
2015	Euro/ASA	Organizer on a session on Assisted Listening for Boston 2017

RESEARCH GRANTS: 16

2020-2023	LSBU	Acoustics and 3D printed materials for architecture
2017-2021	LSBU/ROH	Royal Opera House: room acoustics for the benefit of musicians
2016-2019	LSBU/RAM	Royal Academy of Music: architectural design and audiometry
2013-2016	LSBU/Baykam	Vocalists - Improving the acoustic environment through furnishings
2012-2014	LSBU/B.Eye	Speech Transmission Index as a predictor of speech intelligibility
2012-2013	TSB	Acoustic diagnostic and control of a commercial refrigeration system
2011-2015	EPSRC	Building Integrated Wind Turbines in Strata Tower
2009-2010	LDA	Acoustic Design of Decorative Panels
2008-2011	TSB	Urban Wind Turbines
2008-2009	LDA	London Philharmonic Orchestra
2008-2009	LDA	Sound Absorbing Mirror
2007-2010	AHRC	Music and the Noise of Performance
2007-2010	TSB	Improving the Acoustics on London Underground
2006-2009	LSBU	Speech Intelligibility in Rooms
2005-2008	EPSRC	Design of Open-plan Schools
1996-1999	EPSRC	Computer modelling of semi enclosed spaces
1993-1996	EPSRC	Advanced simulation of room acoustics

PROFESSIONAL BODIES

Member of the Acoustical Society of America: Member of the Newman Trust Committee
Fellow of the Institute of Acoustics: Chair for Musical Acoustics.
London Heliport Consultative Committee.
EPSRC funded UK Acoustics Network: Leader for Room and Communications
Chair for Ministry of Housing, Community and Local Government Building Regulations (Noise)
Chair of Institute of Acoustics Research Committee
Institute of Acoustics Membership Committee member