

## Speaker Biographies

Lynne Williams (Papworth)

Dr Williams moved to Cambridge in August 2013 to take up the post of Consultant Cardiologist in Echocardiography at Papworth Hospital, as well as to develop a Specialist Hypertrophic Cardiomyopathy service. Her subspecialty Cardiology training took place on the West Midlands Rotation, at which time she also completed a PhD. Upon completion of her registrar training she took up the position of E.D.Wigle Fellow in Hypertrophic Cardiomyopathy Research at the Toronto General Hospital in Toronto, Canada. During this period her fellowship involved training in Hypertrophic Cardiomyopathy, Advanced Echocardiography, and Adult Congenital Heart Disease. She continues to be involved in several multicentre studies focusing on advanced imaging techniques to better understand pathophysiology and outcomes in patients with Hypertrophic Cardiomyopathy.

Nav Masani (Cardiff)

Dr Masani is a Consultant Cardiologist and Clinical Board Director of Specialist Services at University Hospital of Wales, Cardiff. His duties include clinical leadership in echocardiography; weekly lists in "complex" transthoracic, transoesophageal and stress echocardiography as well as supervising reporting and training. Dr Masani is a Past President of the BSE (2009-11) and Chairman of the its Education Committee (2003-9), during which time a number of national guidelines and recommendations were published. His other achievements include reorganization and expansion of the academic program of the BSE annual meeting. He has made multiple presentations and chaired sessions at the annual BSE and British Cardiac Society meetings.

Saidi Mohiddin (London)

Dr Mohiddin trained in Edinburgh, in the USA at the National Institutes of Health and in London. As Consultant and Honorary Clinical Senior Lecturer at the Barts Heart Centre, he manages the Heart Muscle Disease service where he has a specialist interest in cardiac magnetic resonance imaging (MRI) particularly with regard its utility in the inherited and inflammatory cardiomyopathies. He has an interest in cardiomyopathy research, in specialist training for inherited cardiac conditions and is an associate editor for European Heart Journal - Quality of Care & Clinical Outcomes.

Rob Cooper (Liverpool)

Dr Rob Cooper is a Cardiology Registrar based at Liverpool Heart and Chest Hospital. He graduated from the University of Liverpool with Honours in 2005 and undertook postgraduate training in Cardiology in the Mersey Deanery in 2009. He has recently completed a fellowship in Inherited Cardiac Conditions and Cardiac MRI at the Royal Brompton Hospital in London. He is the local lead for Genomic Medicine in Cardiology in Merseyside and serves as a Genomic Clinical Interpretation Partner as part of the 100,000 Genome Project. Research interests include the treatment of LVOT gradients in HOCM, his PhD included work on improving outcomes from septal reduction therapy using better peri-procedural imaging. Current areas of interest include the management of Heart Muscle Disease and Cardiac MRI.

Will Bradlow (Birmingham)

Will Bradlow undertook his training in echocardiography in Auckland and in cardiovascular magnetic resonance at the Royal Brompton Hospital before training in Oxford. He currently works as a cardiology consultant at the Queen Elizabeth Hospital, Birmingham where he leads the Heart Muscle Disease Service and performs cardiac imaging.

Rick Steeds (Birmingham)

Dr Rick Steeds is a Consultant Cardiologist in Birmingham UK. Alongside practice in general Cardiology, he sub-specialises in cardiac imaging and the management of valvular heart disease. His practice is in central Birmingham, based at the University Hospital (Queen Elizabeth) which is a major secondary and tertiary NHS Foundation centre located in Edgbaston. He has a particular expertise in echocardiography (with emphasis on state-of-the-art techniques including tissue Doppler, contrast, stress echocardiography and transoesophageal echocardiography), cardiovascular magnetic resonance imaging (CMR), and nuclear cardiology (SPECT).

Simon Padley (London)

Dr Simon Padley is Consultant Radiologist at the Royal Brompton and Harefield Hospital and at the Chelsea and Westminster Hospital NHS FTs, and a Reader in Imaging in the National Heart and Lung Institute, Imperial College, London. His specialist radiology training was at Addenbrooke's Hospital and Chelsea and Westminster Hospital and he spent a year undertaking a fellowship in thoracic imaging in Vancouver General Hospital. He co-initiated the cardiac CT programme and the Royal Brompton Hospital and is the trust lead for cancer imaging. Dr Padley has a record in imaging research, extending over 20 years, and resulting in more than 120 peer reviewed publications on a variety of imaging and interventional related subjects. Recently the majority of his academic output has related to the growing utility of cardiac CT in the adult and a paediatric population. He was an invited member of the recent NICE committee for guidelines on cardiac CT in challenging patients and has served on the NIHR interventional devices panel.

Aparna Deshpande (Leicester)

Dr Aparna Deshpande is a radiologist at the Glenfield hospital, University Hospitals of Leicester. Following completion of her Radiology training she undertook fellowships in cardiothoracic imaging in Papworth and then Toronto General hospital. In her current role she undertakes cardiac MRI including stress and adult congenital imaging, with further interests in cardiac CT and nuclear SPECT.

Sara Thorne (Birmingham)

Sara Thorne is a consultant cardiologist at the Queen Elizabeth Hospital in Birmingham, UK. She trained at Great Ormond Street and the Royal Brompton Hospitals and founded the West Midlands Adult Congenital Heart Disease and Pregnancy in Heart Disease Programmes. She has a particular interest in training, and in working with the UK Confidential Enquiry in to Maternal and Child Health that publishes the triennial report on maternal deaths in the UK. Her imaging focuses on the clinical application of echocardiography and MRI to better understand congenital heart disease and the heart in pregnancy.

Helen Mathias (Birmingham)

Dr Mathias is a Consultant Cardiothoracic Radiologist at the Queen Elizabeth Hospital in Birmingham having been appointed in 2013. She completed her Radiology specialist training in South Wales followed by a fellowship in Cardiac Imaging in Bristol and a fellowship in Cardiothoracic Radiology at the University of Alberta in Canada. Her specialist interests include cardiac MRI and CT with a particular emphasis on imaging in congenital heart disease.

James Shambrook (Southampton)

Dr James Shambrook is a cardiothoracic Radiologist at University Hospital Southampton NHS Foundation Trust where he specialises in Adult and paediatric cardiac CT and MRI. He is BSCI/SCCT level 3 accredited for cardiac CT, and SCMR/EACVI section CMR level 3 accredited. James currently sits on the BSCI committee, in which he is the educational lead.

Lucy Hudsmith (Birmingham)

Dr Lucy Hudsmith is a consultant cardiologist in Adult Congenital Heart Disease and Imaging at University Hospital' NHS Trust, Birmingham. She specialises in CMR and TOE in adult congenital heart disease and trained in Oxford and Birmingham. She undertook her CMR research at OCMR, Oxford University with Professor Stefan Neubauer.

Nicky Edwards (Birmingham)

Dr Nicky Edwards is a consultant Cardiologist at the Queen Elizabeth Hospital in Birmingham with an interest in CMR and echo. She completed her training in West Mids where she held a clinical lecturer post and undertook her PhD, before undertaking a CMR fellowship in New Zealand. She is also an Honorary Senior Research Fellow at the University of Birmingham, in which role she is currently supervising 2 PhD students who are investigating the role of myocardial fibrosis in CKD and mitral regurgitation. Dr Edwards also sits on the BSCMR committee as an observer and SpR lead, and is the Lead for infective endocarditis at the Queen Elizabeth Hospital.

Oliver Gosling (South West)

Oliver Gosling is a Cardiologist and cross sectional imaging lead at Musgrove Park Hospital Taunton Somerset. His main area of interests lie in cardiac imaging utilizing computed tomography, echocardiography and magnetic resonance imaging. He completed a fellowship in cardiac MRI and CT in 2009 (Exeter and Plymouth Hospital respectively) prior to undertaking research at the University of Exeter where he initiated the cardiac stress MRI research programme. He holds BSE accreditation in transoesophageal echocardiography. His research investigating the radiation doses from cardiac CT has been widely cited and included in national and international guidelines.

Prof David Newby (Scotland)

Professor David Newby has worked in Edinburgh for over 20 years and obtained Doctorates in Medicine, Philosophy and Science. He is British Heart Foundation John Wheatley Chair of Cardiology at the University of Edinburgh, Director of Research and Development for NHS Lothian, Director of the Wellcome Trust Clinical Research Facility, Director of the Clinical Research Imaging Centre, and a Consultant Interventional Cardiologist at Royal Infirmary of Edinburgh. He is the recipient of a Wellcome Trust Senior Investigator Award. His major interests are in experimental medicine and the advanced imaging of cardiovascular disease including coronary heart disease, aortic stenosis and heart failure. He was Chief Investigator for the SCOT-HEART trial funded by the Chief Scientist Office; a national multicentre randomised controlled trial of computed tomography coronary angiography in patients attending the Rapid Access Chest Pain Clinic. He is also Chief Investigator of the National Institute for Health Research Efficacy and Mechanism Evaluation funded MA3RS study: a multicentre trial of magnetic resonance imaging in abdominal aortic aneurysms. Professor Newby is also an Associate Editor of Heart and Chair for the development of the Scottish Intercollegiate Guideline Network (SIGN) guidelines for the management of acute coronary syndromes.

Ronak Rajani (London)

Dr Rajani is a consultant cardiologist at Guy's and St Thomas' NHS Foundation Trust and an Honorary Senior Lecturer at King's College London. He is currently the lead for Research and Development at GSTT and the Cardiology Lead for Cardiac CT. Dr Rajani is trained in all forms of multimodality cardiac imaging and was the first and only recipient of the BCS/ACC Advanced Cardiac Imaging Fellowship in 2010. This involved 6 months of training at the Royal Brompton Hospital in CMR and Nuclear Cardiology and 6 months at the Cedars Sinai Medical Centre in Los Angeles (CT and PET). Dr Rajani has an interest in advanced plaque analysis, CT planning for structural intervention and the development of novel applications of cardiac CT with bioengineering and computer processing. He has published in excess of 110 manuscripts in multimodality imaging and has international research collaborations with the US, Europe and Asia. Dr Rajani is a lead panel member for NICE and sits on the MTAC for novel CT technologies and is on the international sub-committee, best abstract and abstract grading committee of the SCCT. Dr Rajani is the course director of the London International CT Academy (LoCTA) and is an advisor to industry on CT acquisition protocols for TMVR. Other clinical interests include heart failure and inherited cardiac conditions.

Jorge Mascaro (Birmingham)

Mr Mascaro is a consultant cardiothoracic surgeon from Queen Elizabeth Hospital Birmingham. He completed his university studies in the University of Chile and graduated with honours in 1984. In 1990 he was appointed as a registrar in Cardio Thoracic surgery at Saint George's Hospital, London UK. Between 1990-1994 he trained as a Cardiothoracic surgeon gaining experience in general cardiac, thoracic surgery and heart and lung transplantation. He was appointed as a Consultant Cardiothoracic surgeon in 1995, initially in Santiago Chile to the teaching Hospital of the University of Chile. In 2004 he took up an appointment as a Consultant cardiac surgeon at the Queen Elizabeth Hospital Birmingham. Since appointed he has further developed specialist skills in general cardiac surgery, transplantation and aortic surgery under the guidance of Prof. Bonser. Since 2012 he has been the director of the Heart and Lung Transplantation and Mechanical Circulatory support as well as lead of Aorto-vascular services. He has have continued to develop the surgical treatment of aortic diseases concentrating in the ascending aorta, aortic arch and descending thoracoabdominal aorta. Mr Mascaro has introduced new techniques like the Frozen Elephant trunk implantation and preservation of the aortic valve with valve sparing root replacement techniques as well as aortic valve repair including repair of the Bicuspid Aortic Valve.

Srikanth Iyengar (Frimley Park)

Dr Iyengar is a consultant radiologist working for the Frimley Health NHSFT at Heatherwood and Wexham Park hospitals. He completed his cardiac imaging training and fellowship at Plymouth. His clinical and research interests include high-definition CT coronary angiography and functional CT with CT-fractional flow reserve assessment. Caroline McCann (Liverpool) Caroline McCann is a Consultant Cardiothoracic Radiologist working at Liverpool Heart and Chest Hospital for the last 5 years. She graduated from Guy's and St Thomas's, after which her radiology registrar training was in Mersey after which she undertook her subspecialist fellowship at Papworth Hospital. She performs all aspects of cardiac and thoracic CT and MRI and is the Aortic Imaging Lead (nonTAVI) at Liverpool Heart and Chest Hospital.

Caroline McCann (Liverpool)

Caroline McCann is a Consultant Cardiothoracic Radiologist working at Liverpool Heart and Chest Hospital for the last 5 years. She graduated from Guy's and St Thomas's, after which her radiology registrar training was in Mersey after which she undertook her subspecialist fellowship at Papworth Hospital. She performs all aspects of cardiac and thoracic CT and MRI and is the Aortic Imaging Lead (nonTAVI) at Liverpool Heart and Chest Hospital.