

Speaker Biographies

Dr Ronak Rajani MD FRCP FESC FSCCT
Consultant Cardiologist – Course Director
Cardiology Lead for Cardiac CT
Guy's and St Thomas' NHS Foundation Trust
London, UK



Dr Rajani is the Founder and course Director of the London CT Academy. He 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 120 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. He holds level III accreditation with the SCCT and was awarded Fellow status to the SCCT (FSCCT) for his scientific contribution to cardiac CT and service contributions to the SCCT. Dr Rajani is an advisor to industry on CT acquisition protocols for TMVR. Dr Rajani has achieved in excess of 1200 citations and has an H-index of 19.

Dr Rebecca Preston FRCP FRCR
Consultant Radiologist – Course Director
Radiology Lead for Cardiac CT
Guy's and St Thomas' NHS Foundation Trust
London, UK



Dr Rebecca Preston is a consultant radiologist and the radiology lead for cardiac CT at Guy's and St Thomas NHS Foundation Trust. She received her training in cardiac CT in Munich following which she founded the cardiac CT service at GSTT. Dr Preston is a regular invited speaker at CT training days and has specialist interests in congenital cardiac CT, the utility of cardiac CT for chest pain pathways and novel applications of cardiac CT for structural cardiac interventions. Alongside her clinical responsibilities Dr Preston has an active interest in training and education and attracts a regular stream of radiology trainees from around the world.

Pál Maurovich-Horvat MD, PhD, MPH
Assistant Professor –
Director of the Cardiovascular Imaging Research Group
Semmelweis University
Budapest
Hungary



Dr. Maurovich-Horvat is graduated from the Semmelweis University in 2006, completed his residency at Heart and Vascular Center of the Semmelweis University, which was followed by a three-year long cardiovascular imaging research fellowship at Massachusetts General Hospital and Harvard Medical School. Dr. Maurovich-Horvat studied clinical effectiveness at the Harvard University, School of Public Health, where he graduated in 2012.

His research interest focuses on the development of personalized diagnostic strategies to identify high-risk patients and vulnerable coronary plaques. He is an active member of the European Society of Cardiology, European Society of Radiology and the Society of Cardiovascular Computed Tomography. He is the author of 62 international, peer-reviewed publications on cardiac CT. Total impact factor 295.0, citations over 2300 and h-index 15.

**Dr Arjun Nair MD FRCR
Consultant Radiologist
Guy's and St Thomas' NHS Foundation Trust
London
UK**



Dr Arjun Nair was appointed as a Consultant Radiologist with a sub-specialty interest in cardiac and thoracic imaging at Guy's and St Thomas' NHS Foundation Trust in 2013. Dr Nair qualified from the University of Edinburgh Medical School in 2001 and was awarded the MRCP in 2005. He undertook radiology training at St George's Hospital between 2005 and 2011 and passed the FRCR in 2008. After completing a one-year sub-specialty cardiothoracic radiology fellowship at St George's Hospital, Dr Nair was awarded the Thoracic Imaging Fellowship (a National Treasure Post) at the Royal Brompton Hospital between 2011 and 2013, where he trained in complex thoracic and cardiac CT imaging. He was awarded an MD in 2014.

Dr Nair has lectured and presented at various national and international meetings and has been awarded prizes at the Radiological Society of North America, European Society of Thoracic Imaging, World Congress of Thoracic Imaging and the London School of Radiology for his presentations. Dr Nair is the author/co-author of several peer-reviewed scientific papers and book chapters on cardiothoracic imaging.

**Professor Patrick Donnelly MD MRCP FESC
Consultant Cardiologist
Southeastern Health and Social Care Trust
Belfast
Northern Ireland**



Professor Patrick Donnelly received his medical degree from Queens University Belfast and completed higher speciality cardiovascular imaging training at Harvard University and the Massachusetts General Hospital, Boston USA. He is director of the cardiovascular imaging, cardiovascular research, cardiac CT programme and the North Down Heart Start programme. He is an Honorary Senior lecturer at Queens University Belfast. He serves as clinical lead of the NI cardiovascular research network and sits on the UK national cardiovascular atherothrombosis research group. He advises a number of regional and national cardiovascular panels and has served as a faculty member to the Euroheart Care and European Society of Cardiology Congresses. He is an expert reviewer for a number of high impact peer review journals.

His research interests include; cardiovascular genomics, biomarkers, cardiovascular disease prevention, atherothrombosis

**Dr Peter Ball FRCP FRCR
Consultant Radiologist
Ulster Hospital
Belfast
Northern Ireland**



Dr. Peter Ball is a Consultant Cardiothoracic radiologist based in the Ulster Hospital Belfast. After completing his medical degree in Belfast, he trained in London and New Zealand before returning to Northern Ireland. He has been involved in multiple local and international research projects and has lectured on cardiothoracic imaging throughout Europe. He is a course director for the London Cardiac CT course.

He is a passionate advocate of joint cardiac / radiology partnership in Cardiac Imaging and is closely involved with radiology registrar HPT Cardiothoracic training. Dr. Ball has experience using different scanners as well as the latest iQon / spectral CT for cardiac imaging

Dr Ben Ariff FRCP FRCR
Consultant Radiologist
Imperial College London
London
UK



Dr Ben Ariff is a consultant radiologist working at Imperial College NHS Trust, London and subspecialising in cardiac CT and cardiovascular MR, working within a multidisciplinary tertiary environment. He is level 3 accredited in cardiac CT (SCCT/BSCI) and CMR (SCMR); was an ESOR cardiac imaging fellow at Leiden University and has extensive experience in clinical pharmacology and general internal medicine, working at the International Centre of Circulatory Health and St Mary's Hospital, having obtained CCT in both. He was awarded a PhD for his work focusing on carotid artery remodelling and the local haemodynamic effects of anti-hypertensive agents combining computational fluid dynamics with imaging techniques.