

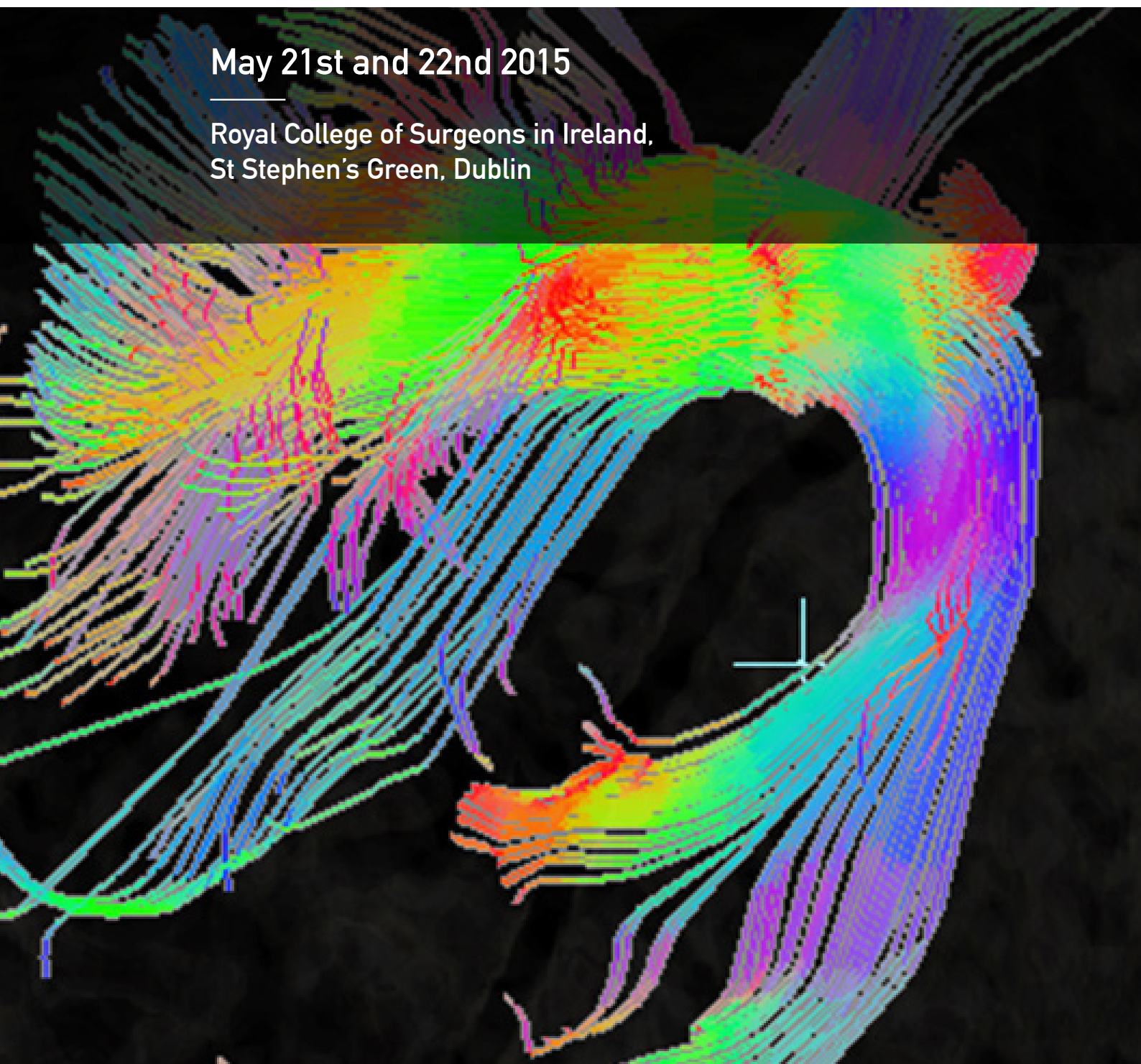


The Irish Society of Neuroradiology

# SECOND ANNUAL MEETING

May 21st and 22nd 2015

Royal College of Surgeons in Ireland,  
St Stephen's Green, Dublin





**THE IRISH SOCIETY OF NEURORADIOLOGY:**  
**SECOND ANNUAL MEETING**

Dear Delegate

The Irish Society of Neuroradiology is delighted to invite you to its second annual meeting. This will be held in the Royal College of Surgeons in Ireland in St Stephen's Green in Dublin on May 21st and 22nd 2015.

The inaugural meeting in 2014 was a success with a mixture of local and international experts in neuroradiology. This included Professor Hugh Curtin from the Massachusetts Eye and Ear Infirmary in Boston, USA.

For our second meeting, we aim to present a series of educational and refresher talks and lectures. The topics include neuroradiological anatomy, brain imaging, stroke imaging and intervention, spine imaging and intervention and head and neck imaging. This will be complemented by a series of afternoon workshop sessions including interactive and realtime MRI and CT angiography workshops. We are delighted to welcome to our meeting, Dr Mayank Goyal and Dr Michael Hill, the principal investigators in the ESCAPE trial. Dr Goyal and Dr Hill will speak on stroke imaging, intervention and management. CME and CPD credits will be awarded for attendance at both the lectures and the workshops.

We look forward to welcoming you back to Dublin to what we hope will be a successful meeting.

Dr Seamus Looby  
Consultant Neuroradiologist,  
Beaumont Hospital, Dublin, Ireland

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THE IRISH SOCIETY OF NEURORADIOLOGY:  
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## THURSDAY MAY 21<sup>ST</sup> 2015

### SESSION I – HEAD AND NECK IMAGING

- 8.50 – 9 am** Introduction and Welcome
- 9 – 9.30 am** Imaging of Acquired Diseases of the Temporal Bone  
*Dr Burce Ozgen, Associate Professor, Hacettepe University, Ankara, Turkey*
- 9.30 – 10 am** Imaging of Paediatric Head and Neck Emergencies  
*Dr Angela Byrne, Consultant Paediatric Radiologist, Our Ladys Hospital for Sick Children, Crumlin, Dublin, Ireland*
- 10 – 10.30 am** PET-CT in Head and Neck Cancers  
*Dr Kevin O'Regan, Consultant Radiologist, Cork University Hospital, Cork, Ireland*
- 10.30 – 11 am** COFFEE

### SESSION II – SPINE IMAGING

- 11 – 11.30 am** Patterns of Bone Marrow Signal Abnormality on MRI Spine  
*Dr Alan O'Hare, Consultant Neuroradiologist, Beaumont Hospital, Dublin, Ireland*
- 11.30 – 12 pm** Fixing the Lumbar Spine  
*Mr David O'Brien, Consultant Neurosurgeon, Beaumont Hospital, Dublin, Ireland*
- 12 – 12.30 pm** Radiological Guided Interventions and Biopsies in the Spine  
*Dr Seamus Looby, Consultant Neuroradiologist, Beaumont Hospital, Dublin, Ireland*
- 12.30 – 1.30 pm** LUNCH

### SESSION III – PITUITARY IMAGING

- 1.30 – 2 pm** The Sella and Beyond  
*Dr Suzanne Abbas, Diagnostic and Interventional Neuroradiologist  
Salmaniya Medical Complex, Bahrain*

### WORKSHOPS

- 2.15 – 5.15 pm** WORKSHOPS
- 1. Brain Tumours: Case Review,** *Dr Suzanne Abbas*
  - 2. Imaging of Congenital Temporal Bone Pathologies,** *Dr Burce Ozgen*
  - 3. Neck Spaces: Anatomy and Cases,** *Dr Paul Brennan*
- 2.15 – 3 pm** Workshop, *Abbas/Ozgen/Brennan*
- 3.15 – 4 pm** Workshop, *Abbas/Ozgen/Brennan*
- 4 – 4.30 pm** COFFEE
- 4.30 – 5.15 pm** Workshop, *Abbas/Ozgen/Brennan*

Faculty of Radiologists CME/CPD Credits: 7.25 credits  
Royal College of Radiologists CME/CPD Credits: Credits applied for.



THE IRISH SOCIETY OF NEURORADIOLOGY:  
SECOND ANNUAL MEETING

## FRIDAY MAY 22<sup>ND</sup> 2015

### SESSION IV – BRAIN IMAGING

- 9 – 9.30 am**      **Neuroradiological Anatomy**  
*Dr Paul Burns, Consultant Neuroradiologist, Royal Victoria Hospital, Belfast, Northern Ireland*
- 9.30 – 10 am**      **Internal Carotid and Vertebral Artery Stenoses**  
*Dr Gerry Wyse, Consultant Neuroradiologist, Cork University Hospital, Cork, Ireland*
- 10 – 10.30 am**      **Cerebral Venous Sinus Thrombosis and Infarction**  
*Dr Suzanne O'Leary, Consultant Neuroradiologist, Royal Victoria Hospital, Belfast, Northern Ireland*
- 10.30 – 11 am**      **COFFEE**

### SESSION V – STROKE

- 11 – 11.30 am**      **Changing Acute Ischaemic Stroke Imaging – a Journey**  
*Dr Mayank Goyal, Professor of Radiology and Clinical Neurosciences, University of Calgary, Calgary, Canada*
- 11.30 – 12 pm**      **Stroke Workflows**  
*Dr Mayank Goyal, Professor of Radiology and Clinical Neurosciences, University of Calgary, Calgary, Canada*
- 12 – 12.30 pm**      **The ESCAPE Trial and Implications for Stroke Management**  
*Dr Michael Hill, Associate Professor, Department Clinical Neurosciences, University of Calgary, Calgary, Canada*
- 12.30 – 2 pm**      **LUNCH**

### SESSION VI – NEUROPATHOLOGY

- 2 pm – 2.30 pm**      **Recent Developments in Neuroradiology signal the end for Neuropathology....or do they ?**  
*Professor Michael Farrell, Consultant Neuropathologist, Beaumont Hospital, Dublin, Ireland*

### WORKSHOPS

- 2.40 – 5.30 pm**      **WORKSHOPS**
- 1. Stroke Imaging: key factors, ASPECTS, multiphase CTA, CT image quality** *Dr Mayank Goyal*
- 2. CTA angiography neck and head: real time cases** *Dr John Thornton*
- 3. CNS Tumours and Tumourlike Processes** *Dr Gerry Wyse*
- 2.40 – 3.25 pm**      **Workshop, Goyal/Thornton/Wyse**
- 3.35 – 4.20 pm**      **Workshop, Goyal/Thornton/Wyse**
- 4.20 – 4.45 pm**      **COFFEE**
- 4.45 – 5.30 pm**      **Workshop, Goyal/Thornton/Wyse**

Faculty of Radiologists CME/CPD Credits: 7.25 credits  
Royal College of Radiologists CME/CPD Credits: Credits applied for.

## BIOGRAPHIES

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### DR. BURCE OZGEN

Dr. Burce Ozgen is an associate professor in Hacettepe University in Ankara, Turkey. She completed fellowship training in neuroradiology at both the Medical College of Wisconsin and Harvard Medical School in the USA. She is a member of the faculty of the ESNR for the Pierre Lasjaunias course for which she lectures and teaches, specifically on head and neck imaging. She has a special interest in head and neck imaging.

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### DR. ANGELA BYRNE

Dr. Angela Byrne is a consultant paediatric radiologist in Our Lady's Hospital for Sick Children in Crumlin, Dublin, Ireland. She previously completed radiology fellowship training and worked on faculty in the Children's Hospital of British Columbia in Vancouver, Canada.

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### DR. KEVIN O'REGAN

Dr. Kevin O'Regan is a consultant radiologist in Cork University Hospital in Cork, Ireland. He completed fellowship training in Oncology Imaging and PET/CT at the Dana Farber Institute in Boston, USA. He has a special interest in nuclear medicine and PET-CT imaging, chest and abdominal imaging and image guided biopsy and intervention.

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### DR. ALAN O'HARE

Dr. Alan O'Hare is a consultant diagnostic and interventional neuroradiologist in Beaumont Hospital, Dublin, Ireland. He previously completed fellowship training in Alfried-Krupp Krankenhaus, Essen, Germany and Massachusetts General Hospital, Boston, USA. He has a special interest in endovascular treatment of acute large vessel ischaemic stroke, endovascular coiling of cerebral aneurysms, endovascular treatment of cerebral and spinal AVM and AVF and image guided head, neck and spine interventions.

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### DR. SEAMUS LOOBY

Dr. Seamus Looby is a consultant diagnostic neuroradiologist in Beaumont Hospital, Dublin, Ireland. He completed fellowship training in neuroradiology in Thomas Jefferson University Hospital, Philadelphia and the University of Virginia, Charlottesville in the USA. He has a special interest in diagnostic neuroradiology including brain, spine and ENT imaging and image guided head, neck and spine biopsies and pain relief procedures.

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**DR. GERALD WYSE**

Dr. Gerard Wyse is a consultant diagnostic and interventional neuroradiologist in Cork University Hospital in Cork, Ireland. He completed fellowship training and worked on staff in diagnostic and interventional neuroradiology at John Hopkins Hospital, Baltimore, Maryland, USA. He has a special interest in neuroimaging, endovascular treatment of vascular diseases and percutaneous spinal interventions.



**DR. SUZANNE O'LEARY**

Dr. Suzanne O'Leary is a consultant diagnostic and interventional neuroradiologist in the Royal Victoria Hospital in Belfast, Northern Ireland. She completed training in diagnostic and interventional neuroradiology in Bristol, UK. She has a special interest in endovascular treatment of head and spine vascular disease including stroke, aneurysm, AVM and AVF.



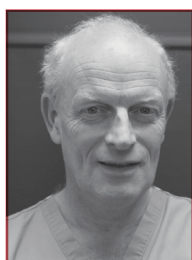
**DR. PAUL BURNS**

Dr. Paul Burns is a consultant diagnostic and interventional neuroradiologist in the Royal Victoria Hospital in Belfast, Northern Ireland. He completed training in diagnostic and interventional neuroradiology in both the Royal Victoria Hospital, Northern Ireland, and the University of Calgary, Calgary, Canada. He has a special interest in neuroimaging including neuroradiological anatomy and endovascular treatment of head and spine vascular disease including stroke, aneurysm, AVM and AVF.



**DR. JOHN THORNTON**

Dr. John Thornton is a consultant diagnostic and interventional neuroradiologist in Beaumont Hospital, Dublin, Ireland. He completed training in neuroradiology in University of Illinois at Chicago and Northwestern University in Chicago. He has a special interest in neurovascular imaging and endovascular intervention for cerebral aneurysms, AVMs, vascular stenosis and acute ischaemic stroke. He is currently the clinical lead for stroke in Beaumont Hospital, Dublin, Ireland. He was the co-principal investigator for the ESCAPE (Endovascular Treatment for Small Core and Anterior Circulation Proximal occlusion with Emphasis on minimizing CT to recanalization times) trial in Ireland.



**DR. PAUL BRENNAN**

Dr. Paul Brennan is a consultant diagnostic and interventional neuroradiologist in Beaumont Hospital, Dublin, Ireland. He is currently the Clinical Director of the Department of Radiology in Beaumont Hospital in Dublin, Ireland. He has a special interest in ENT/head and neck imaging, imaging of cerebral AVMs and AVF, acute stroke imaging, image guided head and neck and spine procedures, endovascular treatment of facial AVMs, endovascular therapy for acute large vessel ischaemic stroke and endovascular treatment of CNS disease.





#### DR MAYANK GOYAL

Dr. Mayank Goyal is both an associate professor in the Department of Neuroradiology and the Director of Research in the Department of Diagnostic Imaging in the University of Calgary in Canada. He is also the Neuroradiology Residency Program Director. His main research interests are: imaging in hyperacute stroke, treatment strategies for hyperacute stroke, image postprocessing and teleradiology solutions and minimally invasive MR guided procedures. Some of his previous clinical and research work includes assessment of carotid stability on CT angiography, use of iPhone to diagnose acute stroke, and increasing efficiency in treatment of hyperacute stroke. He is one of the principal investigators in the ESCAPE trial.



#### DR MICHAEL HILL

Dr. Michael Hill is a Professor for the Departments of Clinical Neurosciences, Community Health Sciences, Medicine and Radiology at the University of Calgary in Canada. He is also Director of the Stroke Unit for the Calgary Stroke Program, Alberta Health Services. Dr. Hill completed undergraduate training at McGill University in biochemistry and went on to the University of Ottawa medical school. He trained in internal medicine at the University of Ottawa and received his FRCPC (Internal Medicine) in 1997. Subsequently, he completed a neurology residency at the University of Toronto and received his FRCPC (Neurology) in 1999. Dr. Hill moved to Calgary to undertake a stroke fellowship and clinical epidemiology training at the University of Calgary and was appointed to faculty in 2001. He then completed his MSc thesis in 2003, and is currently Director of the Stroke Unit at the Foothills Medical Centre, Calgary Health Region. Dr. Hill's research interests include stroke thrombolysis, stroke epidemiology, and surveillance and clinical trials. Dr. Hill has also received a number of awards, including the Barnet award, the Pessin award and the ARP merit award and the Performance Recognition award for his role in research and his outstanding publication record. He is one of the principal investigators in the ESCAPE trial.



#### DR. SUZANNE ABBAS

Dr. Suzanne Abbas is a diagnostic and interventional neuroradiologist, the chairperson of the Department of Radiology and the Deputy Chief of Medical Staff for Diagnostic Affairs in the Salmaniya Medical Complex in Bahrain. Her special interests include healthcare management, PACS systems, diagnostic neuroradiology and interventional neuroradiology.



#### PROFESSOR MICHAEL FARRELL

Professor Farrell graduated from medicine from the Royal College of Surgeons in Ireland and interned at the Richmond Hospital. Following completion of the MRCPI, Professor Farrell began his training in Pathology at St Vincent's Hospital, Dublin and later at the Westminster Hospital in London. Following completion of the MRCPPath, Professor Farrell began a career in Neuropathology at the University of Western Ontario, Canada where he also undertook a fellowship in Neuroimmunology. Later, Professor Farrell succeeded Dr John Dinn and Professor Paddy Bofin as Neuropathologist to the Richmond Hospital, moving to the new Beaumont Hospital in 1987. He was appointed as the first Professor of Clinical Neurological Sciences at RCSI in 1996. Later, he became Dean of the Institute of Irish Clinical Neuroscience and was also Chairman of the Neuroscience Cogwheel at Beaumont Hospital. His interests include all aspects of clinical neuroscience but with particular interest in epilepsy and mitochondrial disease. He is a member of the American Association of Neuropathologists and the British Neuropathological Society as well as the International Society of Neuropathology.



#### MR. DAVID O'BRIEN

Mr. David O'Brien is a consultant neurosurgeon in Beaumont Hospital, Dublin, Ireland. He trained in Ireland, the UK and Australia and held consultant posts in Australia and the UK. He is currently the head of the neuroscience division in Beaumont Hospital in Dublin, Ireland. His special interest is spinal surgery.

## VENUE

Cheyne Lecture Theatre  
Royal College of Surgeons in Ireland  
123 St Stephens Green  
Dublin 2.

