

Lightening 2 minutes presentations on Thursday 13th of July of CLINICAL ABSTRACTS

- 1) Poster 46: Video-Based Discomfort Detection for Premature Infants. Yue Sun, Svitlana Zinger, Sidarto Bambang Oetomo, Peter H.N. de With ([Submission 19](#))
- 2) Poster 48: Fluorescence image guided surgery with a low-latency digital video pipeline. Paul R. Barber, Iain DC Tullis, Davide Volpi, Freddie Hamdy, Ahmed A Ahmed, Borivoj Vojnovic. University of Oxford (Oxford, UK)
- 3) Poster 49: Detecting and Defining Signal Dropout in Awake Rodent fMRI. Anish Chhetri and Szu-Han Wang. University of Edinburgh (Edinburgh, UK)
- 4) Poster 50: Spatial Gradient of Microstructural Changes in Normal-Appearing White Matter in Tracts Affected by White Matter Hyperintensities. Rozanna Meijboom, Susana Muñoz Maniega, María C. Valdés Hernández, Natalie A. Royle, Zoe Morris, John M. Starr, Mark E. Bastin, Ian J. Deary, Joanna M. Wardlaw. University of Edinburgh (Edinburgh, UK)
- 5) Poster 52: An image acquisition and analysis strategy for spatial comparison of ventilation CT with ³He and ¹²⁹Xe MRI. Tahir BA, Hughes PJ, Marshall H, Stewart NJ, Biancardi A, Horn FC, Collier GJ, Norquay G, Hart KA, Swinscoe JA, Hatton MQ, Wild JM, Ireland RH. University of Sheffield (Sheffield, UK)
- 6) Poster 54: Simulation of in-line phase-contrast computed tomography (PC-CT). Hunwoo Lee, Hyunwoo Lim, Chulkyu Park, Seokyeon Kang and Hyosung Cho. Yonsei University (South Korea)
- 7) Poster 55: T1 Dentate Nucleus Signal Intensity Following Multiple Gadoteric acid (Dotarem®)-Enhanced MRI vs Multiple Non-Contrast MRI. L K Young, S Matthew, L McCormick, J Weir-McCall, S J Gandy, J G Houston. University of Dundee (Dundee, UK)
- 8) Poster 56: Experimental study for mammography image restoration based on a simple radiographic scattering model. Kyuseok Kim, Chulkyu Park, Guna Kim and Hyosung Cho. Yonsei University (South Korea)
- 9) Poster 57: Neuroimaging markers of fatigue: A machine learning study. Maria Goñi, Gordon Waiter, Neil Basu, Alison Murray. University of Aberdeen (Aberdeen, UK)
- 10) Poster 58: Global Illumination. Tyler Stroud, Dave Elcock, Gerald Chau, Magnus Wahrenberg, Steven Reynolds, Catalina Tobon-Gomez, Pedro Augusto Gondim Teixeira, Alain Blum and Costas Plakas. TMVSE (Edinburgh, UK)
- 11) Poster 59: Visceral Adipose Tissue and Perirenal Fat Surface Area are Associated with Different Pathological Subtypes of Renal Cell Carcinoma or Oncocytoma. Dario Garcia-Rojo, Marta Capdevila, Angel Prera, Antoni Malet-Munte, Jesus Muñoz-Rodríguez, Mario A. Rosado, Carlos Abad, Eduardo Vicente, Naim Hannaoui, Jose L. Gonzalez-Sala, Arturo Dominguez, Clara Centeno, Younes Fadil, Leticia

de Verdonces, Victor Parejo, Paula Planelles, Juan Prats. Universitat Autònoma Barcelona (Spain)

12) Poster 60: Compressed-sensing (CS) based image reconstruction in dynamically-collimated interior digital tomosynthesis (iDTS). Soyoung Park, Guna Kim, Uikyue Je, Jeongeun Park and Hyosung Cho. Yonsei University (South Korea)

13) Poster 61: Echocardiographic Image Enhancement to Aid the Detection of Wall Motion Abnormalities. Hasmila A. Omar, João Domingos, Mohammad Yaqub, Ross Upton, Paul Leeson and J Alison Noble. University of Oxford (Oxford, UK)

14) Poster 62: Efficient motion correction for CT perfusion of patients with non-small cell lung cancer. B.W. Papież, D.R. McGowan, R.E. Macpherson, F.V. Gleeson, J.D. Fenwick, G.S. Higgins, Sir M. Brady, J.A. Schnabel. Universities of Oxford, Liverpool, Oxford University Hospitals NHS FT and King's College London (Oxford, Liverpool and London, UK)

15) Poster 63: Quantitative Measurements of Enlarged Perivascular Spaces in the Brain are associated with Retinal Microvascular Parameters. Lucia Ballerini, Sarah McGrory, Ruggiero Lovreglio, Maria C. Valdés Hernández, Enrico Pellegrini, Tom MacGillivray, Emanuele Trucco, Susana Muñoz Maniega, Ross Henderson, Adele Taylor, Mark E. Bastin, Ian J. Deary and Joanna M. Wardlaw. Universities of Edinburgh and Auckland (New Zealand, UK)

16) Poster 64: OpenRib. Costas Plakas, Tyler Stroud, Catalina Tobon-Gomez, John Cameron, Steven Reynolds, Andy Murray, Chris Conway. TMVSE (Edinburgh, UK)