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UNIVERSITY OF
ABERDEEN

50th Anniversary Celebration

2 November 2018

IMS Level 7 Conference Room
Institute of Medical Sciences,
Foresterhill, Aberdeen

1968 - 2018
50 years
- of
excellence

MSc
MEDICAL
PHYSICS

PROGRAMME

Friday 2 November 2018

9:30 - 10:00 Registration & Tea/Coffee - IMS Reception

10:00 - 10:15 Welcome & Housekeeping

10:15 - 11:00 50 Years of Medical Physics teaching in Aberdeen – Professor David Lurie

11:00 - 11:30 **Keynote speaker:** Dr. Steve McCallum, Head of Medical Physics and Head of Radiation Protection, NHS Grampian. Steve McCallum graduated from the MSc programme in 1993. He worked in both the NMR and PET research groups at the University of Aberdeen before taking up a post at NHS Grampian where he is now the Clinical Director for Medical Physics for NHS Grampian and Head of the Radiation Protection Service.

11:30 - 11:45 Radiomics in Radiotherapy – Polly Darby, NHS Trainee

11:45 - 12:00 Model Human Observers in Nuclear Medicine - Mark Pether, NHS Trainee

12:00 – 1:00 Lunch – IMS Atrium

1:00 – 2:00 Walking tours taking in the Mk1 MRI scanner and the current prototype Fast Field Cycling MRI scanner

2:00 – 2:30 **Keynote speaker:** Ioannis Panagiotelis, Chief Marketing & Sales Officer and Executive VP Elekta AB
Ioannis Panagiotelis graduated from the MSc programme in 1996 before going on to get his PhD from the University of Aberdeen in 2001. He has since held a number of senior positions in industry. He worked as an application scientist at Bruker, a Global Marketing Manager, General Manager and Vice President responsible for MR at Siemens and a Chief Marketing Officer (Global MR) for GE. He is currently Chief Marketing & Sales Officer and Executive VP for Elekta.

2:30 – 2:45 Brain Structure and the influence of Artificial Light at Night (ALAN) - Naif Majrashi, PhD student

2:45 - 3:00 Early Life Determinants of Brain Structural and Functional Connectivity and Relationship with Cognitive and Depressive Outcomes - Clarisse De Vries, PhD student

3:00 -3:30 **Keynote speaker:** Professor Neil Roberts, Chair of Medical Physics and Imaging Science, Edinburgh University. After qualifying as a Medical Physicist and supported by Shell Research plc. Neil Roberts was appointed Research Fellow to establish a state of the art Image Analysis Laboratory at the Magnetic Resonance and Image Analysis Research Centre (MARIARC) of the University of Liverpool, which had been built to house the UK's first commercial Magnetic Resonance Imaging (MRI) system. Today Neil is Chair of Medical Physics and Imaging Science at the University of Edinburgh, based at the Edinburgh Imaging facility in the Queen's Medical Research Institute (QMRI).

3:30 - 4:00 Future plans, concluding remarks and close - Professor Andy Welch

4:00 - 5:00 Drinks reception
