

Programme			
Time	Topic	Speaker	
09:50 - 10:00	Welcome	Joanna Wardlaw , BRIC	
10:00 - 10:15	Report on SINAPSE activities	Dave Wyper , SINAPSE Director	
SESSION 1 SPIRIT and SPRING Showcase: Chair Prof D Wyper; SINAPSE			
10:15 - 10:30	Overview of SPIRIT Programme	Joanna Wardlaw , SPIRIT PI	
10:30 - 10:45	Dissociating voice from speech following fronto-temporal stroke.	A.B. Jones , A. Farrall, J. Wardlaw, P. Belin· C.R. Pernet	Proffered
10:45 - 11:00	Experimental Measurements of Preclinical fMRI (In)Stability	G. D, Merrifield , T. Anderson, M. A. Jansen, I. Marshall	Proffered
11:00 - 11:30	Coffee and SPIRIT AND SPRING Posters		
11:30 - 11:45	Extending the Synthetic Utility of the Fluorinase for Positron Emission Tomography	S Thompson , M Onega, S McMahon, I Fleming, J Naismith, J Passchier, D O'Hagan ¹	Proffered
11:45 - 12:00	Industry perspective of SPIRIT	Ian Hallett , Imanova Ltd	Invited
12:00- 12:15	The expansion of e-Learning	Jo-Anne Murray , University of Edinburgh	Invited
12:15 12:30	Public engagement in Research	Ourania Varsou , University of Aberdeen	Invited
12:30 - 13:30	Posters, Lunch, exhibition & networking		

SESSION 2 Development of Imaging Technologies: Chair Prof Richard Lerski, University of Dundee			
13:30 - 13:45	Elastography Software Library (ESL) for Rapid High-Resolution Magnetic Resonance Elastography (MRE) Image Processing	E Barnhill , C Brown, E van Beek, N Roberts	Proffered
13:45 - 14:00	Clinical Development of a Neutrophil and Bacterial Specific Optical Imaging Agents- Opening the Optical Door for Next Generation Molecular Sensing	K Dhaliwal , T Walton, A Akram, N McDonald, T Craven, N Avlonitis, M Vendrell, A Lilienkampf, D Collie, T Walsh, C Haslett, M Bradley.	Proffered
14:00 - 14:15	Development of novel tracers for molecular imaging of poly(ADP-ribose) polymerase-1	F Zmuda , A Blair, M Boyd, A Sutherland, A Chalmers, S Pimlott.	Proffered
SESSION 3 Application of advanced imaging: Chair Professor Alison Murray, University of Aberdeen			
14:15- 14:30	Dietary nitrate reduces skeletal muscle oxygenation response to physical exercise: a quantitative muscle functional MRI study	R Bentley ; SR Gray; C Schwarzbauer; D Dawson; M Frenneaux; J He	Proffered
14:30- 14:45	Ultrasound in a Needle for Neurosurgery and Other Applications	Z Qiu , R McPhillips, S Mahboob, Y Jiang, C Meggs, G Schiavone, T Button, M Desmulliez, S Eljamel, C Demore, S Cochran	Proffered
14:45- 15:15	Refreshments and Posters		
15:15- 15:30	In Vivo MR monitoring of Microrna-15 and 16 induction as potential targeted therapy in Chronic Lymphocytic Leukemia by ultrasmall superparamagnetic iron oxide nanoparticles (USPIO).	G Baio , G Cutrona, M Colombo, S Matis, C Massucco, D Reverberi, R Massara, S Fabris, S Boccardo, F Rosa, L Basso, S Salvi, F Morabito, CE Neumaier, M Negrini, P Tassone, M Truini, A Neri, M Ferrarini	Proffered
15:30 - 16:15	Imaging in Dementia	Professor John O'Brien , University of Cambridge	KEYNOTE
Prizes & Announcements Prof Dave Wyper: SINAPSE Director			
16:15- 16:30	Prizes will be awarded for the best proffered oral presentation, the best poster, the best lay summary on a poster and the project with most commercial potential. They have been donated by Health Sciences Scotland .		