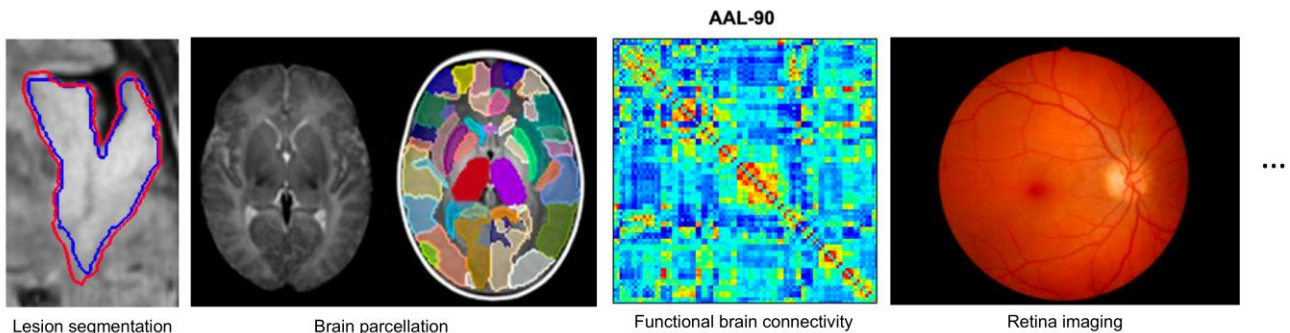




Scottish Imaging Network:  
A Platform for Scientific Excellence

## Image Analysis Group Meeting Program



**Wednesday 20<sup>th</sup> September 2017**  
**Wolfson Theatre, Queen Mother Building**  
**University of Dundee**

10:30 – 10:40: Welcome words: [Dr Islem Rekik](#), University of Dundee

10:40 – 11:00: Oral presentation: Dr Ahmed Fetit, CVIP, University of Dundee: *Retinal Biomarker Discovery for Dementia*

11:00 – 12:00: Keynote talks

- Prof Wen-Yih Isaac Tseng, MD, PhD, National Taiwan University: *Seeking tract biomarkers for early diagnosis of schizophrenia and prediction of treatment response*
- Yun-Chin Eric Hsu, PhD, National Taiwan University: *Developing a High Quality Diffusion Template in the ICBM-152 Space Using the HCP Diffusion Data*
- Yao-Chia Shih, MSc, National Taiwan University: *Implementing fiber tractography in a high quality diffusion HCP template*

12:00 – 13:30: lunch/coffee break

13:30 – 14:15: Oral presentation: Dr Islem Rekik, BASIRA lab, CVIP, University of Dundee: *Machine Learning for Neuroscience*

14:15 – 14:30: Oral presentation: Dr Tom Macgillivray, University of Edinburgh: *Edinburgh Imaging's Image Analysis Core Lab – helping to unlock the body's secrets*

14:30 – 14:45: Oral presentation: James Sloan, Toshiba Medical, Edinburgh: *Deterministic Adversarial Networks for Image Denoising and Modality Conversion*

14:45 – 15:00: Oral presentation: Dr Lucia Ballerini, University of Edinburgh: *Quantification of Perivascular Spaces in Brain MRI*

15:00 – 15:30: Oral presentation and closing remarks: Dr Gordon Waiter, University of Aberdeen



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