CENTRE FOR
ADVANCED IMAGING

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Create change

4th ANNUAL SYMPOSIUM
PROGRAM

Friday 29th September 2017

- Registration 8am
- Conference 8.45am
- Posters and Networking 5.15pm

Session One: 8.45 - 10.30am
Chair: Dr Steffen Bollmann

8.45 - 8.50	Welcome
8.50 - 9.40	**Keynote Presentation** Dr Jurgen Fripp: Computational radiology: training computers to turn images into information
9.40 - 10.00	Student Poster Flash Talks 1
10.00 - 10.30	Morning Tea

Session Two: 10.30am - 1.10pm
Chair: Dr Nicholas Fletcher

10.30 - 10.50	A/Prof Katie McMahon: Markers of Language Recovery in Stroke
10.50 - 11.10	Dr Desmond Tse: Parallel transmission in ultra-high field MR
11.10 - 11.25	Liza van Eijk: Brain Masculinity and its relation with Autism Spectrum Traits
11.25 - 11.40	Javier Urriola: High-frequency oscillations for the localization of the epileptogenic focus
11.40 - 12.00	Dr Reza Bonyadi: Deep learning algorithms and their applications to medical imaging
12.00 - 12.20	Venkat Ramanujam: In vivo protein splicing as an efficient method to synthesize and characterize secreted cysteine-rich repeat proteins
12.20 - 13.10	Lunch hosted by Siemens Healthineers
12.50 - 13.10	Lunch Session by Dr Kieran O'Brien: MAGNETOM PRISMA - Pushing the boundaries of Speed

Session Three: 1.10 - 3.45pm
Chair: Dr Sid Jia

1.10 - 2.00	**Keynote Presentation** Professor Gottfried Otting: NMR and EPR spectroscopy with chemical tags
2.00 - 2.20	Dr Yas Tesiram: Spectroscopic Imaging - new and emerging methods
2.20 - 2.40	Dr Zach Houston: Nanoparticles and the blood-brain barrier: a multimodal toolkit for the development of nano-theranostics for the treatment of glioblastoma
2.40 - 2.55	Theo Crawford: In vivo optical imaging of B. anthracis protective antigen targeting endogenous mouse squamous cell carcinoma
2.55 - 3.15	Student Poster Flash Talks 2
3.15 - 3.45	Afternoon Tea

Session Four: 3.45 - 5.00pm
Chair: Dr Maryam Ziaei

3.45 - 4.05	A/Prof Jeff Harmer: Developing A Structural Model of a P450-Ferredoxin Complex from Orientation-Selective Double Electron-Electron Resonance Spectroscopy
4.05 - 4.25	Mr Damion Stimson: Development of novel lipophilic [18F]thiosemicarbazone metal fluoride complexes
4.25 - 4.40	Joshua Harbort: Orientation-Selective DEER: a tool for molecular distance and orientation characterization in haem proteins
4.40 - 4.55	Anna Gemmell: Dual-stimuli-responsive polymeric micelles for monitoring therapeutic efficacy in vivo
4.55 - 5.00	Closing

Posters and Networking from 5.15pm

5.15 - 7.30	Sir Llew Edwards Terrace Room Level 4, Building 14

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