

Animal Imaging Workshop (Introductory Stream Program)

- **When:** 9:30 AM – 7:00PM Friday, September 28th, 2017
- **Where:** Level 2 Seminar Room, Centre for Advanced Imaging, Bldg 57, University of Queensland – St Lucia

Morning Session – Theory

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| 9:30-10:00 | Welcome & Housekeeping |
| 10:00-10:30 | Introduction to Imaging, Choice of Modality, Materials Considerations, Animal Models, and Ethics – Assoc. Prof. Kris Thurecht (CAI Group Leader) |
| 10:30-11:00 | Optical Imaging and Photoacoustic Tomography – Dr. Nicholas Fletcher (Postdoctoral Fellow) |
| 11:00-11:15 | Questions/Discussion |
| 11:15-11:30 | Morning Tea Break |
| 11:30-12:00 | Positron Emission Tomography (PET) – Dr. Karine Mardon (NIF Facility Fellow and Facility Manager PET-CT) |
| 12:00-12:30 | Magnetic Resonance Imaging (MRI) – Dr. Gary Cowin (NIF Facility Fellow) |
| 12:30-1:00 | Questions/Discussion |
| 1:00-2:00 | Lunch |

Afternoon Session – Practical

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| 2:00-4:00 | Experimental Examples (4 groups, with rotation every 30 minutes) <ul style="list-style-type: none"> • Optical Imaging • Multi-Spectral Optoacoustic Tomography (MSOT) • Positron Emission Tomography (PET) • Magnetic Resonance Imaging (MRI) |
| 4:00-4:15 | Afternoon Tea Break |
| 4:15-4:45 | Wrap-Up & Discussion |
| 4:45-5:00 | Closing Remarks |
| 5:00-7:00 | Group Photo, BBQ, & Drinks |