

Beyond Imaging: Visualisation, analysis & inference

$$\frac{\partial A}{\partial t} = F(A, I) + D_A \frac{\partial^2 A}{\partial x^2}$$

$$\frac{\partial I}{\partial t} = G(A, I) + D_I \frac{\partial^2 I}{\partial x^2}$$

26 - 28 April 2023

Monash University, Clayton



Join us for a free, three-day, in-person light-sheet microscopy workshop, presented by leaders in the field, at Monash University.

Light-sheet microscopy is fast becoming a favoured technique to capture dynamic processes in volumes of living cells and tissues.

The unprecedented details that can now be measured is key to discovery and building new knowledge. However, many challenges exist in enabling this.

This workshop will focus on:

- » upcoming long-term imaging light-sheet approaches;
- » hardwares, analysis approaches and softwares that enable handling and visualisation of data; and
- » interpreting measurements with mathematical models.



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Invited speakers:

- » Srigokul Upadhyayula, University of California, Berkeley
- » Akanksha Jain, ETH Zurich
- » Tomasz Bednarz, NVIDIA
- » Michael Morehead, SyGlass
- » Vijay Rajagopal, University of Melbourne
- » Kelly Rogers, WEHI
- » Christian Tischer, EMBL Heidelberg
- » Josh Moore, openmicroscopy.org
- » Elvis Pandzic, UNSW, Sydney

Event organisers:

- » Senthil Arumugam
- » Joanna Bischoff
- » Alex de Marco
- » James Whisstock

ATTEND THE WORKSHOP

Register for this free event by 19 April.

Student abstracts welcome.



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