



# Brain Research Institute Monash Sunway Technical Workshop Series 2017

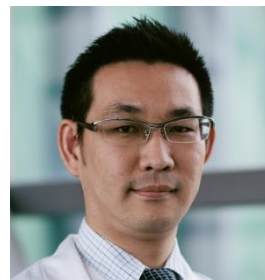
## In vivo multiphoton microscopy

**Module 6: Aug 9<sup>th</sup> – 11<sup>th</sup> 2017**

**9.00 am – 5.00 pm**

### Topics

- 3-D imaging
- In vivo real-time imaging
- Image data analysis



**Main Facilitator**  
Dr. SATOSHI  
OGAWA

### Introduction

Multiphoton microscopy has enabled unprecedented dynamic exploration in living organisms. A significant challenge in biological research is the dynamic imaging of features deep within living organisms, which permits the real-time analysis of cellular structure and function. To make progress in our understanding of biological machinery, optical microscopes must be capable of rapid, targeted access deep within samples at high resolution. This workshop will provide several lectures and hand on sessions to cover a key area of importance for recent advance in multiphoton microscopy technology.

### Who Should Attend?

- Academic members
- Non-Academic members - Research Assistants, Technical Officers, Master/PhD Students, Young Scientist, Veterinarians

### Hands-on Lab Session

- In vivo brain imaging (zebrafish)
- Immunofluorescence technique
- Multiphoton and confocal imaging
- Image data analysis

### Methodology

Hand-on session 70%  
Lecture 20%  
Open Discussion 10%

### Course Objectives

- To understand the principals of recent advance in bioimaging techniques and applications
- To learn basics and practical tips for setting of microscopy, image acquiring and image data analysis

### Registration Fee

RM1800 per person (n/p: RM 2000)  
RM 900 per student (n/p: RM 1000)

**Click [HERE](#) to register online and enjoy 10% off for each module.**

- The fees cover course materials, refreshments for tea breaks and lunch.
- Participants are requested to bring a clean lab coat
- Certificate of Attendance will be awarded.

**Organised By: Prof Ishwar S. Parhar**  
Director of BRIMS  
Monash University Malaysia

### Technical Enquires

**Dr. Satoshi Ogawa**  
Email: [satoshi.ogawa@monash.edu](mailto:satoshi.ogawa@monash.edu)  
Direct Line: 03-5514 6223

### Registration/Other Enquiries

**Ms. Nicola Ng**  
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Direct Line: 03-5514 6372



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## Mode of payment

### *Telegraphic Transfer or Direct Deposit*

**Account Name:** MONASH UNIVERSITY MALAYSIA SDN BHD

**Name of the Bank:** Public Bank Berhad (Branch Bandar Sunway)

**Account No:** 3074129605

**Address of the Bank:**

No 48 & 50, Jalan PJS 11/28A

Bandar Sunway

47500 Petaling Jaya , Selangor

**Swift Code:** PBBEMYKL

\*Please email payment slip to [nicola.ng@monash.edu](mailto:nicola.ng@monash.edu)

## Other payment related information

- Participation will be confirmed upon receipt of payments.
- The organiser reserves the right to refrain a registered participant from taking part in the event if no proof of payment can be presented. This applies only to registered participants who have not paid the registration fee prior to the event date.

## Cancellation/Substitution

- A full refund will be made for all written cancellations received 2 months prior to commencement of workshop.
- 50% refund will be made for all written cancellations received 1 month prior to commencement of workshop.
- No refunds for any cancellations made 2 weeks prior to commencement of workshop.
- A substitute can be arranged as replacement 1 week prior to commencement of workshop. Written notice of this substitution by the University is however required.

## Disclaimer

The organiser reserves the right to reschedule or cancel any part of its published program or venue due to unforeseen circumstances and will not accept liability for costs incurred by participants or their organisation for the cancellation of travel arrangement and/or accommodation reservations as a result of the course being cancelled or postponed. Advance notice will be given if there is such a change or cancellation