

GBI-SingaScope 2024 course: Facility management: Impact,
facility operation, and user training

FACILITY MANAGEMENT COURSE
23-25 OCTOBER 2024



***Overview:** The GBI-SingaScope 2024 course is jointly organized by Global BioImaging and SingaScope, a Global BioImaging partner organization in Singapore. The course will feature an overarching topic of facility management, user training, and measuring an impact of imaging core facilities. In addition, the course will provide opportunities for the participants and the faculty to network with each other during the course.*

When: 23-25 October 2024

Where: Singapore

Venue: [Biopolis](#)

Course details & travel advice document: open by clicking [here](#)

Day 1: Wednesday, 23rd of October

- 9:00 - 9:30** **Registration at Biopolis**
- 9:30 - 9:45** **Welcome by the host & Course overview**
Graham Wright (SingaScope, Singapore) & Gleb Grebnev (Global BioImaging, European Molecular Biology Laboratory)
- 9:45 - 10:00** **Global BioImaging: open, international network of imaging infrastructures and communities**
Gleb Grebnev (Global BioImaging, European Molecular Biology Laboratory)
- 10:00 - 10:30** **Icebreaker: 1 slide per participant**
All participants
- 10:30 - 11:30** **How to set up and run an imaging core facility including cost recovery & budgeting**
Oliver Biehlmaier (Biozentrum University of Basel, Switzerland)
- 11:30 - 12:00** **Designing and moving a microscopy facility**
*Wah Ing Goh (A*STAR Microscopy Platform, Singapore)*
- 12:00 - 13:00** **Networking lunch**
- 13:00 - 15:30** **How to measure an impact of imaging facilities (session 1/2)**
Claire M. Brown (McGill University, Canada) & Laurence Lejeune (Canadian Network Scientific Platforms, Canada)
- 15:30 - 16:30** **Overview of imaging core facilities in Australia and South-East Asia**
Paul McMillan (The University of Melbourne, Australia)
- 16:30 - 17:00** **Independent and guided learning resources in microscopy**
Gleb Grebnev (Global BioImaging, European Molecular Biology Laboratory)

Day 2: Thursday, 24th of October

9:00 - 10:00 Imaging core facility operations

Kelly Rogers (Walter and Eliza Hall Institute of Medical Research, Australia)

10:00 - 10:30 Breakout sessions for imaging core facility operation

All participants

10:30 - 11:00 Breakout sessions for imaging core facility operation (coffee and snacks are served)

All participants

11:00 - 12:00 Data analysis in imaging core facilities

Cameron Nowell (Monash University, Australia)

12:00 - 13:00 Networking lunch

13:00 - 15:30 How to measure an impact of imaging facilities (session 2/2)

Claire M. Brown (McGill University, Canada) & Laurence Lejeune (Canadian Network Scientific Platforms, Canada)

15:30 - 16:30 Career paths available in imaging core facilities

Kerry Thompson (University of Galway, Ireland)

16:30 - 17:00 Combining and leveraging professional experience and Master's of Business Administration (MBA) training and partnering with industry

*Graham Wright (A*STAR Microscopy Platform, Singapore)*

Day 3: Friday, 25th of October

- 9:00 - 9:30** **Microscopy education and user training in an imaging facility**
Eleanor Kable (The University of Sydney, Australia)
- 9:30 - 10:00** **Breakout sessions: microscopy education and user training**
All participants; Divided into 4 groups
- 10:00 - 11:00** **Enhancing teaching excellence in imaging core facilities: Train-the-trainer format**
Claire Brown (McGill University, Canada)
- 11:00 -12:00** **Data management open discussion session**
Claire M. Brown (McGill University, Canada) and Cameron Nowell (Monash University, Australia)
- 12:00 - 13:00** **Networking lunch**
- 13:00 - 13:30** **Quality control in imaging core facilities and QUAREP-LiMi community**
Michael Halter (National Institute of Standards and Technology, USA)
- 13:30 - 14:00** **Maintenance and quality control in imaging core facilities**
Speaker Radek Machan (Nanyang Technological University; Singapore)
- 14:00 -14:30** **Coffee break**
- 14:30 - 16:00** **Tours of imaging core facilities**
All participants; Divided into groups based on interest