



We make it visible.

3D, Spectral and Superresolution Imaging (Intermediate/advanced level workshop - IMED 7302)

Date: June 11-22, 2018

Location: CancerCare Manitoba, Winnipeg, Manitoba, CANADA
Registration deadline May 11, 2018.

Topics:

a) bench work in the laboratory:

- i) Spectral imaging and SKY of mouse/human chromosomes
- ii) Fluorescence microscopy in 3D (manual, semi-automated and fully automated measurements and analysis).
- iii) Superresolution microscopy

b) imaging in the Genomic Centre for Cancer Research and Diagnosis:

image acquisition of all samples prepared during the course; interactive image analysis

c) lectures by expert mentors in the field: theory and application of above imaging techniques in research and the clinic, discussion and data analysis of images acquired during the course. Lectures will also include Airy Scan, 3D Structured Illumination Microscopy, and single molecule localization microscopy.

d) journal clubs & round table discussion of current literature with experts in the field.

Registration: in order to register, please submit your CV and a short summary of why you are interest in this course to Dr. Sabine Mai, Workshop@umanitoba.ca. When registering, you are required to pay a registration fee. No applications will be accepted after May 11, 2018. For more information please refer to our website www.ITMHRT.ca

Early Bird Registration April 20, 2018: \$1500 (Cdn) + Taxes

Registration May 11, 2018: \$1800 (Cdn) + Taxes

Cancellations until May 11, 2018: Refund less a \$500 administration fee

Cancellations after May 11, 2018: No refunds

