

MGC Technology facility course 2021 - online

March 2: Imaging

Morning: Cellular imaging (9:30 – 12:00)

Organizers:

Lennard Voortman (CCB, LUMC) and Sylvia le Devedec (LACDR, UL)

Lennard Voortman	Introduction to live cell fluorescence imaging and Quantitative fluorescence methods
Gert-Jan Kremers	Introduction to Super Resolution
Sylvia le Devedec	Introduction to High content screening
Roman Koning	Introduction to Electron microscopy
Gert van Cappellen	Erasmus Optical Imaging Centre – who/what/where
Joost Willemsse	Leiden Cell Observatory – who/what/where
Lennard Voortman	LUMC Light and Electron Microscopy Facility – who/what/where

Afternoon: in vivo imaging (14:00 – 16:30)

Organizer:

Louise van der Weerd and Ernst Suidgeest (Radiology, LUMC)

14:00-14:25	
Louise vd Weerd	Introduction to small animal MRI, including MRI, CT, PET & SPECT
14:25-14:50	
Timo Schoman	Introduction to optical imaging, US and photoacoustic imaging
15:00-15:20	
Laila Ritsma	In vivo multi-photon microscopy
15:20-15:40	
Margeet de Vries	Ultrasound and photoacoustic imaging
15:40-15:55	
Tineke Coenen	LUMC animal center, imaging, experimental services – who/what/where
16:00-16:15	
Joost Haeck	Applied Molecular Imaging Erasmus facilities – who/what/where