

## **Live Cell and Super Resolution Imaging**

*Organizers: Adriaan Houtsmuller, Gert-Jan Kremers and Gert van Cappellen*

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*Date: once every year (beginning of November)*

*Location: Erasmus MC, Rotterdam*

*Duration: 5 days*

This five day course consists of lecture sessions in the morning and practical sessions in the afternoon. On Monday and Thursday there will also be evening sessions with a dinner. In the final session on Friday afternoon participants will present and discuss the results of their practical work. The practical sessions can be attended by a maximum of 24 participants (6 groups of 4 participants). When registering for the course you are expected to follow the complete (one week) course.

Topics: Time lapse, FRAP, FRET, super resolution, single molecule localization, PALM, STORM, GSDIM, Hyvolution, Airy scan, Rescan, Fluorescent proteins, quantitative data analysis.

More information and registration can be found on the OIC website <http://www.erasmusmc.nl/oic>

***This is a combined course of the Medical Genetics Center South-West Netherlands (MGC) and the Erasmus Optical Imaging Centre***

*The course is free of charge for personnel from MGC, MolMed and ONWAR. Participants from outside these organisations pay €200 euro for this course. The lecture sessions can be attended for free.*