NBI SRiS STORM Super-resolution System Training Workshop

Over the past few years, super-resolution microscopes enable the investigation of the biological system at nanometer scale. Using appropriate dyes, the fluorescent signal decay can be combined with single molecule localization techniques to achieve 20 nm resolution.

NBI SRiS STORM Super-resolution System is a newly installed imaging system at the Faculty Core Facility. It is based on single molecule localization technique to achieve the resolution at 20nm level. Single channel and dual channel super-resolution imaging could be performed by 656nm and 750nm laser excitation. The basic operation training will be provided.

*Limited Seats. Registration required!
The experience in fluorescent imaging is required for the registration.


Four training sessions will be provided.

Room L6-11, Faculty Core Facility, Laboratory Block

To register, please go to

Any enquiry, please contact: corefac@hku.hk

All are Welcome!

3D actin
Actin fibers in COS-7 cell is super-resolved in three dimensions. Actin is stained with phalloidin and the fine actin fiber (7nm-wide) can be visualized. It allows the detection of actin network modification. The 3d depth information is color-coded.