

Internal Seminar

Implementation of a structured illumination microscopy setup

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Structured illumination microscopy (SIM) is a super-resolved wide-field imaging technique for imaging various live biological specimens. SIM enables a two-fold enhancement in lateral resolution compared to conventional optical microscopy and captures dynamic intracellular organisation in live cells. Here we are implementing a SIM setup that will work in total internal reflection fluorescence (TIRF) and grazing incidence (GI) mode.

Monday, Jan 9th 2023

10:30 AM

Seminar Hall, TIFR-H