

| Lecturer | Date | Time | Room | Topic |
|--------------------------|-------------|--|---------------------|---|
| Dr. Massimiliano Lucidi | 01/07/2026 | 11:00-13:30 | 4; Dep. of Sciences | Interactions between light and biological matter |
| | | | | Fate of excited state and spectral properties of main fluorophores used for staining |
| | | | | Methods for staining of biological samples |
| | 03/07/2026 | 11:00-13:30 | 4; Dep. of Sciences | Definition of optical resolution and Abbe's diffraction limit |
| | | | | Conventional fluorescence-based microscopy approaches: widefield microscopes, confocal laser scanning microscopy (CLSM), total internal reflection fluorescence microscopy (TIRF) |
| | | | | Label-free microscopy approaches |
| 06/07/2026 | 10:00-13:00 | Nikon CLSM room (IV floor of Dep. of Sciences) | Workshop on CLSM | |
| Prof. Giovanni Capellini | 13/07/2026 | 11:00-13:00 | LIME | Workshop on atomic force microscopy (AFM) |