Basics

- Fluorescence and Fluorescence Microscopy by Nico Stuurman
- Confocal Microscopy and Optical Sectioning by Kurt Thorn
- For a complete Video based Microscopy course by ibiology.org have a look here: ibiology-microscopy-course
- MyScope- Online tutorial including , theory, simulator and assessment.
- Introduction to Fluorescence Correlation Spectroscopy
- Book: "Advanced Photon Counting: Applications, Methods, Instrumentation" , 2015, Springer Series on Fluorescence, Volume 15,
  Editors: Peter Kapusta, Michael Wahl, Rainer Erdmann.
  Excellent book serving not only as a great introduction to the field but also as
  day-by-day handbook for the experienced user of the techniques and instrumentation.
- Many useful information can be found in MicoroscopyU by Nikon and more scpecifically :
  - Numerical Aperture
  - Numerical Aperture and Image Resolution
  - Microscope Alignment for Köhler Illumination
  - Introduction to Microscope Objectives
  - Coverslip Correction
- Interactive Visualization of Fluorescent Protein Properties

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