

# Hyperboost microscopy course

## Monday, 20 june: Introduction (M3-108)

- 10:00 - 11:00 Introduction to microscopy (Eric reits)
- 11:00 - 12:00 Introduction to flow cytometry (Berend Hooibrink)
- 12:00 - 13:00 Lunch break
- 13:00 - 14:00 Introduction to Electron microscopy (Nicole van der Wel)
- 14:00 - 15:00 Fluorescence (microscopy) (Przemek Krawczyk)
- 15:00 - 16:00 Microscopy in hyperthermia cell biology research (Enzo Scutigliani)

## Tuesday, 21 june: Rotating microscopy workshops/demos

- **Time: 10:45 - 16:00 (lunch break: 12:00 - 13:00), start in room M3-108**
- Confocal microscopy (Daisy Picavet)
- Live-cell & fluorescence microscopy (Przemek Krawczyk)
- Transmission electron microscopy (Per Larsen & Anita Grootemaat)
- Scanning electron microscopy (Nicole van der Wel)

## Wednesday, 22 june: Microscopy data analysis workshop (room L01-243)

- 09:00 - 10:00 Incucyte: introduction and technology overview (Daisy Picavet)
- 10:00 - 12:00 Adobe Photoshop (Przemek Krawczyk)(**bring own laptops!\***)
- 12:00 - 13:00 Lunch break
- 13:00 - 15:00 Image analysis workshop (Przemek Krawczyk)

## Thursday, 23 june: From (microscopy) images to publications

- 09:00 - 12:00 ImageJ, theory and practice (Ard Jonker)
- 12:00 - 13:00 Lunch break
- 13:00 - 15:00 Adobe Illustrator and Acrobat (Przemek Krawczyk)(**bring own laptops!\***)
- 15:00 - 16:00 Open science with Figlinq (Przemek Krawczyk)

\* In this part of the program we will explore the Adobe package, participants must bring their own laptops with pre-installed Adobe Photoshop, Illustrator and Acrobat. Free trial versions can be downloaded from Adobe.