

## 2016 LCI course schedule

<b>2016 LCI course schedule</b>		
<b>19.04</b>	<b>Topic: Tissue processing, live cell imaging, colocalization</b>	
09:00-10:00	Tissue processing for imaging	Jan Mulder
10:00-10:10	<i>Coffee and fruits break</i>	
10:10-11:10	Imaging live cells: how to assess the cell's health, how to reduce light toxicity. Light-induced cell damage in live-cell super-resolution microscopy	Sylvie Le Guyader
11:10-12:10	Colocalization	Jeremy Adler
12:10-13:00	<i>Lunch</i>	
13:00-14:00	Quizz on previous lectures	
14:00-14:45	Answers to quizz on previous lectures	
14:45-15:00	<i>Coffee and buns break</i>	
15:00-16:00	Workshop: light sheet or student challenge or self assessment	
16:00-17:00	Workshop: light sheet or student challenge or self assessment	
<b>20.04</b>	<b>Topic: Image processing and quantitative analysis</b>	
09:00-10:00	Presentation of ImageJ/FIJI. Analysis strategy.	Sylvie Le Guyader
10:00-10:10	<i>Coffee and fruits break</i>	
10:10-12:10	Cell Profiler workshop	Carolina Wälhby
12:10-13:00	<i>Lunch</i>	
13:00-17:00	Cell Profiler workshop	
<b>21.04</b>	<b>Topic: Data handling, data management</b>	
09:30-10:00	Super-resolution overview	Sylvie Le Guyader
10:00-10:10	<i>Coffee and fruits break</i>	
10:10-12:10	Awareness about potential problems in image processing Recommendations by major scientific journals about modifying images for publication The different image formats The safe way of saving images and backing them up Recommendation for data management How to format images for publishing or poster printing Trends and future challenges in light microscopy	Sylvie Le Guyader
12:10-13:00	<i>Lunch</i>	
13:00-14:00	Quizz on previous lectures	
14:00-14:45	Answers to quizz on previous lectures	
14:45-15:00	<i>Coffee and buns break</i>	
15:00-16:00	Vernissage workshop: microscopy images troubleshooting	
16:00-17:00	Vernissage workshop: microscopy images troubleshooting	
<b>22.04</b>	<b>Topic: FRET, FLIM, PLA, examination</b>	
09:00-10:00	FRET and FLIM	Arne Lindqvist
10:00-10:15	PLA	Sylvie Le Guyader
10:15-10:30	<i>Coffee and fruits break</i>	
10:30-11:00	Inspiration talk: the mobile microscope	<i>To be announced</i>
11:00-11:15	Conclusion and feedback	
11:15-?	Examination	