

**Interuniversity Doctoral Program in Organismal Biology
In collaboration with CUSO Molecular Plant Science doctoral program and
Bioimaging Center of University of Geneva**

Plant imaging: advanced light microscopy- a joint course with CUSO MPS

Location: University of Geneva, Building "Sciences II/Sciences III", quai Ernest-Ansermet 30

8 March 2018		9 March 2018	
9:00	Welcome and registration	9:00	Sylvain Loubéry <i>"Image analysis and Fiji"</i>
9:15	Introduction and participants presentations		
10:15	Coffee break	11:00	Coffee break
10:30	Sylvain Loubéry <i>"Fluorescence microscopy: Principles of widefield and confocal microscopes, acquisition parameters, deconvolution, light-sheet microscopy"</i>	11:15	Speaker tba <i>"Sample preparation: clearing methods, immuno-stainings, tips and tricks"</i>
12:00	Lunch break	12:15	Lunch break
13:00	Hands-on in rotation in groups of 3 1h30 on a classical confocal, 1h15 on a spinning-disc confocal, 1h15 on a widefield microscope	13:30	Hands-on session: "Image analysis and Fiji"
17:00	End	15:00	Debriefing/Final questions
		16:00	End