

## **Advanced Imaging of Cells in vitro and in vivo, Course & Symposium (2 hp + 1 hp)**

### **Monday May 21**

9.30-12.00	Course introduction, (RK/SH) Fluorescence microscopy – a brief catch-up Participant and project presentations
12.00-13.00	Lunch
13.00-14.30	Single and multi-photon microscopy with quantitative analyses – Tips and tricks Rickard Linnskog, Micromedic AB
15.00-16.00	MASS Seminar, Title: TBA Mia Philipson, Uppsala University

### **Tuesday May 22**

9.00-11.30	Image processing – hands-on training IMARIS, Erik von Stedingk, Bitplane
11.30-12.30	Lunch
12.30-16.00	Image processing, continued

### **Wednesday May 23**

9.00-11.30	Hands-on demo: sample preparation, and multi- and single-photon fast-scan microscopy. Groups 1-4. Daniel Smeets Leica Microsystems, Hans Thorn, Carl Zeiss and (CP, SH)
11.30-12.30	Lunch
12.30-16.00	As morning (shifted groups)
16.00-17.00	Seminar: Adv. Microscopy of Plants, Edouard Pesquet, Stockholm University

### **Thursday May 24**

9.00-11.30	As May 23 (shifted groups)
11.30-12.30	Lunch
12.30-15.00	As morning (shifted groups)
15.00-16.00	Frontiers seminar, Title: TBA Christian Eggeling, University of Oxford

### **Friday May 25**

9.00-10.00	STED and super-resolution microscopy Discussion seminar, Christian Eggelin, University of Oxford
10.00-12.00	Concluding discussions and Course evaluation

For those that signed in for the Symposium this will start in the afternoon in Lecture theatre Vivi Täckholm in the P-house. See further announcements at: <http://nmisweden.se/>

Course organizers and instructors from MBW, Stockholm University  
Christiane Peuckert (CP), Stina Höglund (SH), Roger Karlsson (RK)