

**Tuesday, 2021/9/14**

15:00 - 19:00 Hotel Nijmegen  
**Arrival and registration** Social

15:00 - 15:15 **Talk Title Example 1**  
Presenter Y

15:15 - 15:30 **Talk Title Example 2**  
Presenter Z

15:30 - 16:00 **Talk Title Example 3**  
Presenter W

19:00 - 20:30 Hotel Nijmegen  
**Dinner** Dinner

20:30 - 21:30 Hotel Nijmegen  
**Lecture 1: Introduction and applications in Fluorescence (Prof. dr. F. Wouters)** Lectures  
Chair: Dr. JW Borst

20:30 - 21:30 **Start**  
Wouters

21:30 - 23:30 Hotel Nijmegen  
**Get together** Social

**Wednesday, 2021/9/15**

09:00 - 10:00 Hotel Nijmegen  
**Lecture 2: Wide field and confocal microscopy (Dr. S. Weidtkamp-Peters)** Lectures  
Chair: Dr. J. Fransen

10:00 - 10:30 Hotel Nijmegen  
**Coffee break** Coffee break

10:30 - 11:30 Hotel Nijmegen  
**Hands on demonstration** Lectures

11:30 - 12:15 Hotel Nijmegen  
**Discussion Imaging modules** Lectures

12:15 - 13:30 Hotel Nijmegen  
**Lunch** Lunch

## FEBS Practical Course | Microspectroscopy: Functional Imaging of Biological Systems

13:30 - 17:30	Hotel Nijmegen <b>Student talks</b>	Lectures
18:00 - 19:30	Hotel Nijmegen <b>Dinner</b>	Dinner
20:00 - 22:00	Hotel Nijmegen <b>Student talks</b>	Lectures

### Thursday, 2021/9/16

09:00 - 10:00	Hotel Nijmegen <b>Lecture 3: Fluorescent Probes in Cell Biology (Dr. B. Giepmans)</b>	Lectures
10:00 - 10:30	Hotel Nijmegen <b>Coffee break</b>	Coffee break
10:30 - 11:30	Hotel Nijmegen <b>Lecture 4: Correlative imaging (Dr L. Collinson)</b> Chair: Dr. Y. Stahl	Lectures
11:30 - 12:15	Hotel Nijmegen <b>Discussion probes in cell biology</b> Chair: Dr. JW Borst	Lectures
12:15 - 13:00	Hotel Nijmegen <b>Lunch</b>	Lunch
13:00 - 13:30	RIMLS <b>biking to RIMLS</b>	Travel
13:30 - 17:30	RIMLS <b>Practical sessions</b>	Practicals

## FEBS Practical Course | Microspectroscopy: Functional Imaging of Biological Systems

17:30 - 18:00	RIMLS <b>Biking to hotel</b>	Travel
18:00 - 19:30	Hotel Nijmegen <b>Dinner</b>	Dinner
20:00 - 22:00	Hotel Nijmegen <b>Data analysis</b>	Data analysis

### Friday, 2021/9/17

09:00 - 10:00	Hotel Nijmegen <b>Lecture 5: Total internal reflection fluorescence microscopy (Dr. U. Endesfelder)</b>	Lectures
10:00 - 10:30	Hotel Nijmegen <b>Coffee break</b>	Coffee break
10:30 - 11:30	Hotel Nijmegen <b>Lecture 6: Imaging @ the nanoscale Photoswitching fluorophores for super-resolution microscopy (Dr. U. Endesfelder)</b> Chair: Dr. S. Weidtkamp-Peters	Lectures
11:30 - 12:15	Hotel Nijmegen <b>Discussion: super-resolution imaging techniques</b>	Lectures
12:15 - 13:00	Hotel Nijmegen <b>Lunch</b>	Lunch
13:00 - 13:30	Hotel Nijmegen <b>biking to RIMLS</b>	Travel
13:30 - 17:30	RIMLS <b>Practicals</b>	Practicals

## FEBS Practical Course | Microspectroscopy: Functional Imaging of Biological Systems

18:00 - 22:00 Hotel Nijmegen  
**Dinner & Bowling** Social

### Saturday, 2021/9/18

09:30 - 10:15 Hotel Nijmegen  
**Lecture 7; Deconvolution, restoration and analysis (Dr. I. Alexopoulos)** Lectures

10:15 - 10:30 Hotel Nijmegen  
Coffee break

10:30 - 13:00 Hotel Nijmegen  
**Data analysis of imaging practicals** Data analysis

13:00 - 14:00 Hotel Nijmegen  
**Lunch** Lunch

14:00 - 15:00 Hotel Nijmegen  
**Travel to Wageningen by car** Travel

### Sunday, 2021/9/19

09:00 - 10:00 Hotel Wageningen  
**Free day** Social

### Monday, 2021/9/20

09:00 - 10:00 Hotel Wageningen  
**Lecture 8: Förster resonance energy transfer (Prof. T.H.J. Gadella)** Lectures

10:00 - 10:30 Hotel Wageningen  
**Coffee break** Coffee break

10:30 - 11:30 Hotel Wageningen  
**Lecture 9: FRET in biological systems (Prof. T.H.J. Gadella, prof K. Jalink)** Lectures

# FEBS Practical Course | Microspectroscopy: Functional Imaging of Biological Systems

11:30 - 12:00	Hotel Wageningen <b>Discussion: FRET applications</b>	Lectures
12:15 - 13:00	Hotel Wageningen <b>Lunch</b>	Lunch
13:00 - 13:30	Hotel Wageningen <b>biking to Campus</b>	Travel
13:30 - 17:30	MSC Wageningen <b>Practicals</b>	Practicals
17:30 - 18:00	Hotel Wageningen <b>biking to hotel</b>	Travel
18:00 - 19:30	Hotel Wageningen <b>Dinner</b>	Dinner
20:00 - 22:00	Hotel Wageningen <b>data analysis</b>	Data analysis

## Tuesday, 2021/9/21

09:00 - 10:00	Hotel Wageningen <b>Lecture 10: Fluorescence Fluctuation Spectroscopy (Dr. M.A. Hink)</b>	Lectures
10:00 - 10:30	Hotel Wageningen <b>coffee break</b>	Coffee break
10:30 - 11:15	Hotel Wageningen <b>Lecture 11: Image correlation spectroscopy (Prof A. Cambi)</b>	Lectures

## FEBS Practical Course | Microspectroscopy: Functional Imaging of Biological Systems

11:15 - 12:00	Hotel Wageningen <b>Lecture 12: Fluorescence recovery after photobleaching (Prof. A. Houtsmuller)</b>	Lectures
12:00 - 13:00	Hotel Wageningen <b>Lunch</b>	Lunch
13:00 - 13:30	Hotel Wageningen <b>Biking to campus</b>	Travel
13:30 - 17:30	MSC Wageningen <b>Practicals</b>	Practicals
17:30 - 18:00	MSC Wageningen <b>Biking to hotel</b>	Travel
18:00 - 19:30	Hotel Wageningen <b>Dinner</b>	Dinner
19:30 - 21:30	Hotel Wageningen <b>Data analysis</b>	Data analysis
21:30 - 22:30	Hotel Wageningen <b>Lecture 13: Wrapping up Functional Imaging techniques (Dr. Y Stahl &amp; Dr. J.W. Borst)</b>	Lectures

### Wednesday, 2021/9/22

09:00 - 12:00	Hotel Wageningen <b>Data analysis</b>	Data analysis
12:15 - 13:00	Hotel Wageningen <b>Lunch</b>	Lunch
13:00 - 17:00	Hotel Wageningen <b>Powerpoint presentations participants</b>	Lectures

# FEBS Practical Course | Microspectroscopy: Functional Imaging of Biological Systems

18:00 - 21:00 Hotel Wageningen  
**Dinner and evaluation**

Dinner

## Thursday, 2021/9/23

09:00 - 10:00 Hotel Wageningen  
**Departure**

Travel