

## NEUROIMAGING BLOCK COURSE

Neurowissenschaften ZNZ

**10/11 Juni 2026**

The Department of Neuroradiology (USZ) organizes this 2-day course where we introduce you to different techniques (MRI, ASL, EEG-fMRI, MRS, PET, DTI, and Neurostimulation).

**The course will take place in-person (no hybrid lectures) at the University Hospital Zurich.**

### DAY 1: 10. Juni

**Room**            **NORD2 C 812**

09:15-09:20	Introduction	Prof. Dr. L. Michels
09:20-10:20	Basic MR physics	Prof. Dr. D. Nanz
10:20-10:30	<b>BREAK</b>	
10:30-11:15	Functional-MRI: basics & data analysis	Prof. Dr. L. Michels
11:15-11:45	fNIRS	MSc. Dominik Wyser
11:45-13:00	<b>LUNCH BREAK</b>	
13:00-13:30	Diffusion MRI, white matter architecture and clinical application	Dr. Patrik Wyss
13:30-14:15	Neurostimulation: Clinical applications	Dr. M. Moisa
14:15-16:00	<b>PRACTICAL SESSION, 2 groups</b>	
	<b>MR data acquisition</b>	M. Rosio, L. Michels
	Philips Ingenia 3T, MR-center south (V-floor)	
	<b>Structural data analysis</b>	Dr. R. Büchler
	Sternwartstrasse. 6, Floor F, F7 & F1, USZ	

### DAY 2: 11. Juni

**Room**            **NORD2 C 812**

09:15-10:00	Real-time fMRI (neurofeedback)	Prof. Dr. L. Michels
10:00-10:45	PET-Imaging: Basics and clinical applications	Prof. Dr. V. Treyer
10:45-11:00	<b>BREAK</b>	
11:00-11:45	Magnetic resonance spectroscopy (MRS)	Prof. Dr. R. O'Gorman Tuura
11:45-12:30	Perfusion MRI (including ASL)	Prof. Dr. R. O'Gorman Tuura
12:30-13:00	Structural MRI applications	Prof. Dr. L. Michels
13:00-14:15	<b>LUNCH BREAK</b>	
14:15-15:00	MR Safety	Dr. R. Luechinger
15:00-15:30	Artefacts in MRI	Dr. R. Luechinger
15:30-16:00	EEG-fMRI	MSc. M. Rosio

ORGANIZER

**Prof. Dr. Lars Michels**, Head of Basic Research, Department of Neuroradiology, UZH,  
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REGISTRATION

**DEADLINE: 30 May 2026**

**Register via the following form:**

[Registration Neuroimaging Block Course FS 2026](#)

**(Firefox)**

Since there are only 14 spaces, we will let you know via email if you have been admitted or if you are on the waiting list.

CREDIT POINTS

**1 ECTS**, Requirements: presence during the course & summary report after the course.

***For Master's students in human medicine:***

*Please note that this is an extracurricular course. Credit points will not count towards the regular studies in human medicine. We can, however, issue a certificate of participation, which you might use to have the 1 ECTS awarded to a future program (e.g. MD-PhD, extra activities during your Master's etc.). It is your responsibility to ensure that your study program recognizes the ECTS acquired in this course.*