

Dates and schedule - The course will take place from February 3th to 10th, 2020.

Day 1	Monday February 3th 2020	Room 2917.2
8.30-9.00	Introduction	P Haggmann E Fornari M Bach
9.00-9.45	Overview from diffusion to microstructure with diffusion MRI	JP Thiran
10.00-10.45	Basics of diffusion MRI	P Haggmann
11.00-11.45	In-class reading of allocated resources	P Haggmann
12.00-13.00	Lunch time	
13.00-13.45	Diffusion MRI	P Haggmann
14.00-14.45	Pre-processing	M Bach Cuadra
Day 2	Tuesday February 4th 2020	Room 2917.2
9.00-9.45	Diffusion-based scalars and group analysis	E Fornari
10.00-10.45	In-class reading of allocated resources	E Fornari
11.00-11.45	Voxel-wise, ROI and TBSS contest	E Fornari
12.00-13.00	Lunch time	
13:00-13:30	Q & A	
13.30-16:30	Hands on (Room 1929): group analysis of diffusion scalar maps	E Fornari M Bach Cuadra
Wednesday February 5th 2020		
	Home reading of allocated resources	
Day 3	Thursday February 6th 2020	Room 2917.2
9.00-9.45	In-class reading of allocated resources	G. Girard
10.00-10.45	Diffusion MR reconstruction	G. Girard
11.00-11.45	Tractography	G. Girard
12.00-13.00	Lunch time	
13.00-13.45	Tour of available software and tools	Y. Alemán-Gómez
13.45-16:30	Hands on (Room 1929): Reconstruction and Tractography	S. Tourbier
Day 4	Friday February 7th 2020	Room 2917.2
9.00-9.45	In-class reading of allocated resources	A Griffa
10.00-10.45	Connectomics	A Griffa
11.00-11.45	Introduction to clinical applications	P Haggmann
12.00-13.00	Lunch time	
13:00-13:30	Q & A	
13.30-16.30	Hands on (Room 1929): Connectomics	A Griffa
Day 5	Monday February 10th 2020	Room 1929
9.00-10.00	Functional connectivity	D Van De Ville
10.30-11:30	MCQ Exam	P Haggmann E Fornari

		M Bach Cuadra
12.00-13.00	Lunch time	
13.00-16.00	Optional – Hands On selected labo report	E Fornari S. Tourbier A. Griffa