

# ESMIT L3 Course Quantification in Neurology



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## Thursday, November 18, 2021

		Tutors	min
<b>Session I</b>			
10:00 - 10:30	Introduction of the Speakers and the Participants	RB	30
10:30 - 10:45	Physics primer	RB	15
10:45 - 11:05	Maths primer	SG	20
11:05 - 11:15	Coffee Break		10
<b>Session II</b>			
11:15 - 12:00	Hands-on Training: Session I - Ex. 1a, 1b	RB, SG	45
12:00 - 12:30	Kinetic models - plasma input	RB	30
12:30 - 13:15	Lunch Break		45
<b>Session III</b>			
13:15 - 13:40	Kinetic models contd. (incl. Uncertainties and model fitting)	RB	25
13:40 - 14:00	Plasma input preprocessing	SG	20
14:00 - 15:00	Hands-on Training: Session II - Ex. 1c, 2	RB, SG	60
15:00 - 15:15	Coffee Break		15
<b>Session IV</b>			
15:15 - 15:45	FDG and Glucose metabolism	RB	30
15:45 - 16:30	Hands-on Training: Session III - Ex. .3	RB, SG	45
16:30 - 17:00	Discussion/ Interactive Session I/ Wrap up	RB, SG	30
17:00	End of Day 1		

## Friday, November 19, 2021

		Tutors	min
<b>Session V</b>			
9:00 - 9:45	Receptor kinetics & Reference tissue models	SG	45
09:45 - 10:00	Coffee Break		15
10:00 - 11:00	Parametric methods (incl. linearisations)	RB	60
11:00 - 12:00	Hands-on Training: Session IV - Ex. 4, 5	RB, SG	60
12:00 - 12:45	Lunch Break		45
<b>Session VI</b>			
12:45 - 13:45	Hands-on Training: Session V - Ex. 7	RB, SG	60
13:45 - 14:15	Steady state	RB	30
<b>Session VII</b>			
14:15 - 15:15	Hands-on Training: Session VI - Ex. 6	RB, SG	60
15:15 - 15:45	Discussion/ Interactive Session II/ Wrap up	RB, SG	30
15:45	End of Day 2		