



IQ-BRAIN Summer School

Location:

- University of Antwerp, [Stadscampus](#), room s.C.205: Prinsstraat 13, Antwerp

Programme

- **Monday, September 22, 2025**

Time	Programme	Presenter(s)	Room
08.30 – 10.00	MRI-introduction (part 1)	Prof. Marleen Verhoye - UAntwerp	s.C.205
10.00 – 10.30	Coffee break		s.C.205
10.30 – 12.00	MRI-introduction (part 2)	Prof. Marleen Verhoye - UAntwerp	s.C.205
12.00 – 13.00	Sandwich Lunch		s.C.205
13.00 – 14.30	MRI-Position Encoding	Prof. Dirk Poot – Erasmus MC	s.C.205
14.30 – 15.00	Coffee break		s.C.205
15.00 – 16.30	Pulse sequences	Dr. Rita Nunes – Instituto Superior Técnico	s.C.205

- **Tuesday, September 23, 2025**

Time	Programme	Presenter(s)	Room
08.30 – 10.00	Model-based MR image reconstruction	Prof. Ben Jeurissen / Prof. Jan Sijbers - UAntwerp	s.C.205
10.00 – 10.30	Coffee break		s.C.205
10.30 – 12.30	Relaxometry, multiparametric sequences and reproducibility	Dr. Maarten Naeyaert – UZ Brussels	s.C.205
12.30 – 14.00	Lunch		s.Ko10
14.00 – 15.30	Parameter estimation and statistical experiment design	Dr. Arjan den Dekker – UAntwerp	s.C.205
15.30 – 16.00	Coffee break		s.C.205
16.00 – 18.00	Sparse optimization & compressed sensing	Prof. Aleksandra Pizurica / Dr. Pooya Ashtari -UGent	s.C.205



- Wednesday, September 24, 2025**

Time	Programme	Presenter(s)	Room
08.30 – 10.00	Workshop:UnixShell/GIT/Python	The Carpentries	s.C.205
10.00 – 10.30	Coffee break		s.C.205
10.30 – 12.00	Workshop:UnixShell/GIT/Python	The Carpentries	s.C.205
12.00 – 13.30	Lunch		s.Ko10
13.30 – 15.00	Workshop:UnixShell/GIT/Python	The Carpentries	s.C.205
15.00 – 15.30	Coffee break		s.C.205
15.30 – 17.00	Workshop:UnixShell/GIT/Python	The Carpentries	s.C.205

- Thursday, September 25, 2025**

Time	Programme	Presenter(s)	Room
08.30 – 10.00	Workshop:UnixShell/GIT/Python	The Carpentries	s.C.205
10.00 – 10.30	Coffee break		s.C.205
10.30 – 12.00	Workshop:UnixShell/GIT/Python	The Carpentries	s.C.205
12.00 – 13.30	Lunch		s.Ko10
13.30 – 15.00	Workshop:UnixShell/GIT/Python	The Carpentries	s.C.205
15.00 – 15.30	Coffee break		s.C.205
15.30 – 17.00	Workshop:UnixShell/GIT/Python	The Carpentries	s.C.205
17.00 – 18.00	Closing remarks + certificate ceremony	Prof. Jan Sijbers/ Prof. Marleen Verhoye - UAntwerp	s.C.205