

Monday 06/02	Venue	Lecturer	Topic
09.00 – 09.30	PC A1.3	Dr. Liselotte De Ligne	Welcome and introduction to the course
09.30 - 10.45	PC A1.3	Prof. Tom Bultreys	Overview of image processing
11.00 - 12.30	PC A1.3	Prof. Jan Aelterman	Introduction to deep learning
12.30 - 13.30	Orchidee	Lunch	
13.30 - 14.00	PC A1.3	Dr. Pierre Kibleur	Applications for deep learning in X-ray CT
14.00 - 17.00	PC A1.3	Prof. Jan Aelterman, Anoek Strumane, Mathieu Vandecasteele, Dr. Liselotte De Ligne and Dr. Jaianth Vijayakumar	<u>Practical 1</u> : Getting acquainted with python in google Colab, applying segmentation in python.
17.00-19.00	Agora		Icebreaker reception with posters
Tuesday 07/02			
09.00 - 10.30	PC A1.3	Prof. Jan Aelterman, Anoek Strumane, Mathieu Vandecasteele, Dr. Liselotte De Ligne and Dr. Jaianth Vijayakumar	<u>Practical 2</u> : Applying deep learning in python – part 1
10.45 - 12.00	PC A1.3	Dr. Danilo Babin	Advanced applications for deep learning
12.00 - 13.00	Orchidee	Lunch	
13.00 - 16.00	PC A1.3	Prof. Jan Aelterman, Anoek Strumane, Mathieu Vandecasteele, Dr. Liselotte De Ligne and Dr. Jaianth Vijayakumar	<u>Practical 2</u> : Applying deep learning in python – part 2
16.00 – 17.00	PC A1.3	Prof. Jan Verwaeren	Advanced applications for deep learning
Wednesday 08/02			
09.00 - 12.00	PC A1.3	Prof. Anton Du Plessis, 2-3 UGCT members for guidance	<u>Practical 3</u> : Applying deep learning on X-ray CT volumes in Dragonfly – part 1: Getting acquainted with Dragonfly
12.00 - 13.00	Orchidee	Lunch	
13.00 - 17.00	PC A1.3	Prof. Anton Du Plessis, 2-3 UGCT members for guidance	<u>Practical 4</u> : Applying deep learning on X-ray CT volumes in Dragonfly – part 2: Apply deep learning