

## Summer School B-Q MINDED (26-30/08/2019)

<b>Day 1 - Monday 26/08/2019</b>	<b>Cuda - introduction and basics</b>	<b>Stadscampus University of Antwerp, Building K -meeting room K102-K103</b>
<p>08.30-08.45 Introduction Summer School (Prof. Jan Sijbers - University of Antwerp)            08.45-10.45 Cuda introduction (Dr. Ben Van Werkhoven - The Netherlands eScience Center)            10.45-11.00 Coffee break            11.00-12.30 Cuda basics part 1 (Dr. Ben Van Werkhoven - The Netherlands eScience Center)            12.30-13.30 Lunch            13.30-15.40 Cuda basics part 2 (Dr. Ben Van Werkhoven - The Netherlands eScience Center)            15.40-16.00 Coffee break            16.00-16.30 Cuda basics part 3 (Dr. Ben Van Werkhoven - The Netherlands eScience Center)            16.30-18.00 Cuda assignment (Dr. Ben Van Werkhoven - The Netherlands eScience Center)</p>		
<b>Day 2 - Tuesday 27/08/2019</b>	<b>Course and workshop on existing Q-MRI platforms</b>	<b>Stadscampus University of Antwerp, Building K -meeting room K102-K103</b>
<p>08.30-09.30 Q-MRI platform: Post-processing on syngo.via (Frontier) and acquisition on the console - part 1 (Dr. Thomas Janssens - Siemens Healthineers)            09.30-09.50 Coffee break            09.50-10.50 Q-MRI platform: Post-processing on syngo.via (Frontier) and acquisition on the console - part 2 (Dr. Thomas Janssens - Siemens Healthineers)            10.50-11.10 Coffee break            11.10-12.30 Q-MRI platform: Post-processing on syngo.via (Frontier) and acquisition on the console - part 3 (Dr. Thomas Janssens - Siemens Healthineers)            12.30-13.30 Lunch            13.30-14.30 icobrain/MSmetrix (SaaS platform) part 1 (Dr. Dirk Smeets - icometrix)            14.30-14.50 Coffee break            14.50-16.00 icobrain/MSmetrix (SaaS platform) part 2 (Dr. Dirk Smeets - icometrix)            16.00-16.20 Coffee break            16.20-18.00 icobrain/MSmetrix (SaaS platform) part 3 (Dr. Dirk Smeets - icometrix)</p>		
<b>Day 3 - Wednesday 28/08/2019</b>	<b>Introduction to fMRI/PWI - Research Integrity and Ethics</b>	<b>AM: Stadscampus Building K -meeting room K102-K103/PM: Campus 3 Eiken Building UC-1st floor (Bio-Imaging Lab)</b>
<p>08.30-10.30 Introduction to functional MRI (fMRI) and perfusion-weighted imaging (PWI) (Prof. Marleen Verhoye - University of Antwerp)            10.30-10.45 Coffee break            10.45-12.00 MRI in recent studies/publications - presentations part 1 (all participants)            12.00-13.00 Lunch Stadscampus  <i>Transfer to (with public transport) and visit of the Bio-Imaging Lab (Prof. Marleen Verhoye - University of Antwerp)</i>            14.00-16:00 Code of conduct for research integrity: theory and hands-on session (Marianne De Voecht - Policy advisor University of Antwerp)            16.00-16.15 Coffee break            16.15-16.45 Ethics in research with humans and animals (Prof. Marleen Verhoye - University of Antwerp)            16.45-18.15 MRI in recent studies/publications - presentations part 2 (all participants)  <i>Transfer to Vision Lab Campus 3 Eiken Building N (1st floor meeting room D.N108)</i>            18.15-24.00 Finalisation Cuda assignment</p>		
<b>Day 4 - Thursday 29/08/2019</b>	<b>Outreach: public engagement and personal outreach plan</b>	
<p>08.30-10.45 Workshop on drafting public engagement plan Part 1 (Dr. Bruno Hoste - University of Antwerp)            10.45-11.00 Coffee break            11.00-12.30 Workshop on drafting public engagement plan Part 2 (Dr. Bruno Hoste - University of Antwerp)            12.30-13.30 Lunch            13.30-15.40 Workshop on drafting public engagement plan Part 3 (Dr. Bruno Hoste - University of Antwerp)            15.40-16.00 Coffee break            16.00-18.00 Workshop on drafting personal outreach plan (Dr. Bruno Hoste - University of Antwerp)</p>		
<b>Day 5 - Friday 30/08/2019</b>	<b>Artificial intelligence (AI)</b>	
<p><b>AI - theory</b>            08.30-10.45 Theory on Artificial Intelligence Part 1 (Dr. Shabab Bazrafkan - University of Antwerp)            10.45-11.00 Coffee break            11.00-12.00 Theory on Artificial Intelligence Part 2 (Dr. Shabab Bazrafkan - University of Antwerp)            12.00-13.00 Lunch            13.00-14.00 Theory on Artificial Intelligence Part 3 (Dr. Shabab Bazrafkan - University of Antwerp)</p>		
<p><b>AI in practice (industrial and academic lecturers)</b>            14.00-17.00 AI in radiology and integration in medical imaging                              14.00 Dr. Jorrit Glastra - Quantib - 15.00 Dr. Thomas Janssens - Siemens Healthineers - 16.00 Prof. Dr. Paul Parizel - Prof. Dr. Pieter Van Dyck, Dr. Luc Van Den Hauwe - UZA            17.00-18.00 Proclamation</p>		