

3D TISSUE SEGMENTATION, MODELLING AND DEFORMATION

FROM PRE- TO INTRA-OPERATIVE IMAGE ANALYSIS

M	20	T	21	W	22	T	23	F	24
<input type="checkbox"/> 9:30 - 11:00 Introduction to deep learning (DL) with a focus on 3D data processing Dr. Sara Moccia	<input type="checkbox"/> 9:30-11:00 Surgical data science Dr. Sara Moccia	<input type="checkbox"/> 9:30 - 11:00 Simultaneous localization and mapping (SLAM) Dr. Aldo Marzullo	<input type="checkbox"/> 9:30-11:00 Tutorial on biomechanical simulation in SOFA - part I Hugo Talbot	<input type="checkbox"/> 9:30 - 10:00 Project revision Dr. Aldo Marzullo					
<input type="checkbox"/> 11:15 - 12:45 DL for 3D image segmentation and classification Dr. Sara Moccia	<input type="checkbox"/> 11:15-12:45 DL for endoscopic-image analysis Dr. Sara Moccia	<input type="checkbox"/> 11:15 - 12:45 Deformable 3D-image registration Dr. Bodgan Maris	<input type="checkbox"/> 11:15-12:45 Tutorial on biomechanical simulation in SOFA - part II Hugo Talbot	<input type="checkbox"/> 10:15 - 12:45 Project presentation Students					
<input type="checkbox"/> 12:45 - 13:15 Project assignment Prof. Elena De Momi									
<input type="checkbox"/> 14:30 - 17:30 Hands-on on DL tools for 3D image segmentation Dr. Sara Moccia	<input type="checkbox"/> 14:30-17:30 Hands-on on tools for endoscopic-image analysis with DL Dr. Sara Moccia	<input type="checkbox"/> 14:30-17:30 Hands-on on tools for SLAM Dr. Aldo Marzullo	<input type="checkbox"/> 14:30-17:30 Tutorial on biomechanical simulation in SOFA - hands-on activities Hugo Talbot	<input type="checkbox"/> 14:30-16:45 Project presentation Students					
				<input type="checkbox"/> 17:00-17:30 Awards Ceremony Organizers					