

European OpenSim Workshop

Leuven, February 6-8, 2017

KU Leuven, Gebouw De Nayer, Aula

Program

Monday, February 6

8:30 – 9:00	Check your OpenSim installation
9:00 – 9:30	Introducing faculty and participants <i>Friedl De Groot</i>
9:30 – 10:00	Musculoskeletal modeling in Opensim - Use and application <i>Dimitra Blana</i>
10:00 – 10:30	Data import, marker set definition, and scaling <i>Dimitra Blana</i>
10:30 – 11:00	Coffee Break
11:00 – 13:00	<i>Work on your own project</i>
13:00 – 14:00	Lunch
14:00 – 14:30	Inverse Kinematics <i>Friedl De Groot</i>
14:30 – 16:00	<i>Work on your own project</i>
16:00 – 16:30	Coffee Break
16:30 – 17:00	Inverse Dynamics <i>Giordano Valente</i>
17:00 – 18:00	<i>Work on your own project</i>
19:00 – ...	COURSE DINNER

Tuesday, February 7

9:00 – 9:30	Residual Reduction Algorithm <i>Mariska Wesseling</i>
9:30 – 11:00	<i>Work on your own project</i>
11:00 – 11:30	Coffee Break
11:30 – 12:00	Static Optimization <i>Massimo Sartori</i>
12:00 – 13:00	<i>Work on your own project</i>
13:00 – 14:00	Lunch
14:00 – 14:30	Forward simulation <i>Massimo Sartori</i>
15:30 – 16:00	<i>Work on your own project</i>
16:00 – 16:30	Coffee Break
16:30 – 17:00	Computed Muscle Control <i>Friedl De Groot</i>
17:00 – 18:00	<i>Work on your own project</i>
17:30 – 18:00	Skype call with OpenSim team

Wednesday, February 8

8.30 – 9.00	Automating Opensim Processing <i>Mariska Wesseling</i>
9:00 – 9:30	Joint Reaction Analysis + Induced Acceleration Analysis <i>Giordano Valente + Mariska Wesseling</i>
9:30 – 11:00	<i>Work on your own project</i>
11:00 – 11:30	Coffee Break
11.30 – 11.45	About model/simulation validation <i>Giordano Valente</i>
11:45 – 13:00	<i>Work on your own project</i>
13:00 – 14:00	Lunch
14:00 – 14:30	<i>Prepare your project presentation</i>
14:00 – 15:30	<i>Participants' presentations</i>
15:30 – 16:30	Closing reception