



PROJECT WEEK: New Technologies in Neurorehabilitation and Motor Learning

Times/ Dates	10.10 Monday	10.11 Tuesday	10.12 Wednesday	10.13 Thursday	10.14 Friday	10.24/28 TBD	11.11 TBC
Location	TUM Campus Olympiapark	TUM Campus Garching	Schön Klinik Bad Aibling	TUM Campus Olympiapark/GBR	TUM Campus Garching	TBD	TBD
09:00-09:45	<p> Room HS4, Connollystraße 32, 80809 Munich</p> <p>Introduction</p>	<p> GALILEO Hörsaal, 8120 Walter-von-Dyck-Straße 10, Garching</p> <p>Chiara Höhler Alexandra De Crignis</p>	<p> Munich Hauptbahnhof at 8:30am</p> <p>Train (+20 min walk)</p>	<p> Room M001, Georg-Brauchle-Ring 50/66, 80992 Munich</p> <p>Joachim Hermsdörfer Grip force control</p>	<p> GALILEO Hörsaal, 8120 Walter-von-Dyck-Straße 10, Garching</p> <p>Nina Rohrbach Mindmaze: Pioneering Digital Neurotherapeutics, Building the universal platform for brain health and recovery</p>		
09:45-10:45	<p>Cornelia Frank Motor learning and coaching in VR: Moving from the gym to VR (sports) and beyond</p>	<p>Serious Games – How vision influences the feasibility of games in neurorehab. therapy</p>	<p> Harthausen, Kolbermoorer Strasse 72, 83043 Bad Aibling</p> <p>Excursion with Carmen Krewer</p> <p>Book your covid test</p>			<p>Student project presentations (II)</p> <p>Follow-up meeting, project progress, preliminary findings and roadblocks</p>	<p>Student project presentations (III)</p> <p>Final presentations</p>
10:45-11:00	<p> Coffee Break</p>				<p> Coffee Break</p>		
11:00-12:00	<p>Strahinja Dosen Haptic feedback for prosthetics</p>	<p>Olivier Lamercy Assistive Technologies</p>		<p>Student projects</p> <p>Group organization and team activities</p>	<p> Dreifachhalle 2, Connollystraße 32, 80809 Munich</p> <p>Student project presentations (I)</p> <p>Preliminary idea and workplan</p>		
12:00-13:00	<p>Elisabetta Gazzero Muscular and Neurodegenerative Diseases (virtual)</p>	<p>Tamar Makin HomoCyberneticus: Neurocognitive embodiment of artificial limbs (virtual)</p>					
13:00-14:00	<p> Lunch Break</p>			<p> Lunch Break</p>			
14:00-15:00	<p>Gordon Cheng Human-centered neuroengineering</p>	<p>Max Ortiz Catalan Neuromusculoskeletal prosthesis (virtual)</p>		<p> Room SE4, Connollystraße 32, 80809 Munich</p> <p>Speaker (TBD)</p>			
15:00-16:00	<p>Sami Haddadin Tactile Robots in Rehabilitation</p>	<p>Fabian Just Fusion of conventional and robotic rehabilitation therapy</p>					
16:00-17:00	<p>Lab visit Sport & Health Campus</p>	<p>Lab visit Neuroprosthetics & Gaming</p>					
17:00-17:30		<p>Project selection</p>	<p>(+20 min walk) Train</p>				

Project week information:

- This course fits into one week (10.10-10.14) and the 2 supplementary dates but please **consider self-organized study time for your project groups**
- Please consider **organizing lunch between 13:00-14:00** (including the excursion to Schön Klinik Bad Aibling – cafeteria available at clinic)
- Train to clinic on 10.12 will leave at 9:00am. **Group tickets** will be provided for you - please gather at **Munich Hauptbahnhof at 8:30am** to receive them
- Visit to the clinic on 10.12 requires proof of official negative Covid test** completed less than 24hrs before the visit. Please see “Book your Covid test” for available locations
- Dates and times for Student project presentations II & III are still pending for confirmation**
- Students receive **5 credits** after passing the final presentation

Zoom link
Meeting-ID: 645 1074 8347 Passcode: 336588