



Summer School on Rehabilitation Technology

Clinic Valens, Switzerland, July 2nd-6th, 2018

Location

Rehabilitation Clinic Valens, Valens, Switzerland

Organisers

Swiss Federal Institute of Technology Zurich (ETHZ): Prof. Robert Riener and Rachel van Sluijs

Shanghai Jiao Tong University (SJTU): Prof. Guoyan Yang and Prof. Le Xie

Clinic Valens: Dr. Gonzenbach

Concept

During this five-day summer school, we want to provide participants with an in-depth view of the main concepts and experimental tools in rehabilitation robotics. A tour of the clinic and interact with medical staff and patients, will help understand the motivation and requirements for application. Lectures by professors from SJTU, ETH Zurich, EPFL, the University of Bern and the University of Basel will give you insight into current research and developments in the field. Working on a project together in small groups will allow you to interact with peers and to develop new ideas together.

Costs

Costs for the summer school are 400CHF. This includes your stay at the Schloss Hotel Bad Ragaz, breakfast and lunch from Monday to Saturday and a social dinner on Friday night.

Application

Please send a short motivation and a 250-word abstract about your scientific work to Rachel.vansluijs@hest.ethz.ch before June 1st.

This summer school is sponsored by

ETH zürich



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	Monday July 2 nd	Tuesday July 3 rd (SMS day)	Wednesday July 4 th	Thursday July 5 th	Friday July 6 th	
8.20	Check in at Schloss Hotel Bad Ragaz, Schloss-Strasse 1 7310 Bad Ragaz	Bus to clinic	Bus to clinic	Bus to clinic	Bus to clinic	
9.00 - 10.30		Lecture 1 & 2 Prof. Le Xie Prof. Huub van Hedel	Lecture 1 & 2 Prof. Guoyan Yang Prof. Robert Riener	Lecture 1 & 2 Prof. Kenneth Hunt Prof. Dingguo Zhang	Lecture 1 & 2 Prof. Jixian Wang Prof. Roger Gassert	
10.30 – 11.00		Coffee break	Coffee break	Coffee break	Coffee break	
11.00 – 12.30		Lecture 3 & 4 Prof. Silvestro Micera Prof. Juan Fang	Lecture 3 & 4 Prof. Georg Rauter Prof. Xiaohong Sui	Lecture 3 & 4 Prof. Lixu Gu Max Lungarella	Lecture 3 & 4 Prof. Li Shang CYBATHLON	
12.30 – 13.00		Bus to Clinic Valens	2 slide poster teasers	2 slide poster teasers	2 slide poster teasers	Talk HOCOMA
13.00 – 15.00		Opening of the summer school	Lunch + discussion time	Lunch + discussion time	Lunch + discussion time	Lunch + discussion time
15.00 – 16.00		Lecture Dr. Launer	Tour of the clinic + patient presentations by Dr. Gonzenbach	Hike	Work on student projects (5 groups of +6 students)	Student presentations of group work Visit Taminaschlucht and museum Altes Bad Pfäfers
16.00 – 17.00						
17.00 – 18.00						
18.00 – 19.00	Apéro with poster viewing	Hike down together (optional, ±1h)	Hike down together (optional, ±1h)			
Evening program	-	-	-	Open air concert in Bad Ragaz	Closing dinner	