



Challenges & technological innovations for motor handicap rehabilitation


Friday 4 September 2020 | École Normale Supérieure de Lyon, France

Morning:


8h30 – Welcome buffet

9h00 – Pr. Philippe ODIER | ENS de Lyon Physics Laboratory - Lyon
Introductory speech

9h20 – Pr. Winfried MAYR | Medical University of Vienna - Vienna

 The role of electrical parameters and electrodes in FES supported motor control

10h – Dr. Lana POPOVIC-MANESKI | Institute of Technical Sciences of the Serbian
Academy of Sciences and Arts (SASA) - Belgrade



 How to bring FES to everyday use: bottlenecks and available solutions

10h50 – Pause

11h10 – Pr. Christophe CLANET | École Polytechnique Hydrodynamics Laboratory (LadHyX)
- Paris

Physics of road and track cycling

12h – Dr. Mai-Anh NGO | Law, Economics & Management Research Group (GREDEG)-
Sophia Antipolis

  Le décret “Sport sur ordonnance” : vraie ou fausse bonne idée pour la rééducation
des personnes en situation de handicap ?

Lunch:

12h50 – Lunch & S.P.O.R.T. center visit

Afternoon:

14h – Pr. Yves ROSSETTI | Neurosciences Research Center (CRNL) - Lyon
Neurophysiology & neurostimulation: acting at all levels - 1/2

14h50 – Perrine SEGUIN, MD | INSERM / Jean Monnet University - Saint Étienne
Neurophysiology & neurostimulation: acting at all levels - 2/2

15h40 – Pause

16h – Dr. Lucie DALIBERT | S2HEP / Claude Bernard University - Lyon
Knowledge, know-how & resilience strategies: how technologies are shaping bodies and
disabilities

16h50 – Dr. Vance BERGERON | ENS de Lyon Physics Laboratory - Lyon
Functional Electrical Stimulation Cycling: an Electrifying Sport

17h30 – End of the conference

Cocktail: 19h00 – 22h00