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Vortragsankündigung

Seminar Regelungssysteme LV 0430L654

Freitag, 17. April 2015, 14:00 Uhr
Vortragsort: EN 223

Dr. Juan C. Moreno
Neural Rehabilitation Group, Cajal Institute, Spain

“Human-robot interaction approaches in wearable robots for gait rehabilitation”

Wearable robots (WRs) have been gradually proposed as a technological aid for rehabilitation and assistance in patients suffering from motor disorders. Human-robot interaction is a key issue in the design of such wearable robots. This talk will discuss the main challenges to improve the efficiency in the management of human-robot interaction in current lower limb WRs for recovery of gait after stroke and spinal damage, covering bioinspired control and actuation approaches.