

# International Course of Principles of Neurorehabilitation

November 11th to December 11th, 2013

## The International Society of Physical and Rehabilitation Medicine invites you to the first Principles of Neurorehabilitation Course:

The field of neurorehabilitation has had important and rapid advances over the last past decades, leading to novel discoveries in rehabilitation techniques and great improvements in patient care. The objective of this course is to provide physicians and researchers with the opportunity to review basic and advanced concepts of diagnostic and therapeutic tools for neurorehabilitation, and learn about the novel updates in this evolving field. The platform environment is based on an online collaborative learning model, in which students are able to interact with their peers and strengthen their knowledge through discussion and debate. Online lectures will take place in different time points during the course, followed by the online discussion forum.

Students are also encouraged to participate in the course **Clinical, Assessments, and Interventions Updates in Neurorehabilitation**, offered by Harvard Medical School that will take place in Boston, MA, in which participants will have the opportunity to put into practice their knowledge in different laboratories with Harvard faculty and see first-hand how this techniques are developed and studied.



### Registration Information

Non-ISPRM members  
Professionals:  
US \$300.00

Students and Residents:  
US \$ 200,00

ISPRM Members:  
US \$ 200,00

### TOPIC

Weeks 1-2	Assessment methods in Neuroheabilitation	
Nov 11 <sup>th</sup> - 15 <sup>th</sup>		Neuroimaging techniques
Nov 15 <sup>th</sup> - 20 <sup>th</sup>		TMS- indexed Cortical Excitability
Nov 20 <sup>th</sup> - 25 <sup>th</sup>		Quantitative Electroencephalogram and Event-related Potentials

Weeks 3-4	Intervention Tools in Neurorehabilitation	
Nov 25 <sup>th</sup> - 30 <sup>th</sup>		Non-invasive brain stimulation
Nov 30 <sup>th</sup> - Dec 5 <sup>th</sup>		Robotic devices
Dec 5 <sup>th</sup> - 11 <sup>th</sup>		Virtual Reality and Mental Imaginary

### FACULTY

#### FELIPE FREGNI, MD, PhD, MPH

Director, Laboratory of Neuromodulation, Spaulding Rehabilitation Hospital  
Harvard Medical School

#### LOTFI MERABET OD, MPH, PhD

Director, Laboratory of Laboratory for Visual Neuroplasticity.  
Harvard Medical School

#### LEON MORALES, MD, PhD.

Research Associate, Laboratory of Neuromodulation. Spaulding Rehabilitation Hospital

### OPTIONAL MODULE

#### Live Practical Course in Neurorehabilitation Spaulding Rehabilitation Hospital

Dec 12-14<sup>th</sup>, 2013. Boston, MA. USA

For more details, please see HMS website:

[www.cme.hms.harvard.edu/courses/neurorehab](http://www.cme.hms.harvard.edu/courses/neurorehab)

FOR ADDITIONAL INFORMATION:

<http://rehabcourses.magiz.com.br> or contact Laura Castillo: [lcastillo@neuromodulationlab.org](mailto:lcastillo@neuromodulationlab.org)