

**DEADLINE EXTENDED  
TO JULY 15, 2012**

## Important Dates

### **July 15, 2012 - Abstract Submission Deadline**

July 30, 2012 - Notification of Acceptance

August 31, 2012 - Final Version Submission

September 30, 2012 - Early Registration

## Calendar at-a-glance

Nov 13 (Tue)	PRE-CONFERENCE WORKSHOPS
Nov 14 (Wed)	CONFERENCE Oral, Poster & Special Sessions
Nov 15 (Thu)	
Nov 16 (Fri)	
Nov 17 (Sat)	POST-CONFERENCE WORKSHOPS

## General Information

### **Congress Theme**

Converging Clinical and Engineering Research

### **Website**

[www.ICNR2012.org](http://www.ICNR2012.org)

### **Venue**

Hotel Beatriz  
Concilios de Toledo, 45005 Toledo, Spain  
Hospital Nacional de Paraplégicos  
Finca La Peraleda 45071 Toledo, Spain

### **Language**

All the contributions and presentations will be prepared in English.

### **Secretariat**

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# International Conference on Neurorehabilitation

# ICNR 2012

Converging Clinical and  
Engineering Research

Dear colleagues,

it is our great pleasure to invite you to the first International Conference on Neurorehabilitation, that will take place in **Toledo, Spain**, from **November 14 to 16, 2012**.

Restoring human motor and cognitive function has been a fascinating research area during the last century. Interfacing the human nervous system with mechatronic systems to restore neuromotor abilities is facing its crucial passage from research to actual clinical reality, enhancing the potentiality of therapists, clinicians and researchers to rehabilitate, diagnose and generate knowledge.

The 2012 International Conference on Neurorehabilitation will bring together researchers and students from the fields of Clinical Rehabilitation, Applied Neurophysiology and Biomedical Engineering in order to promote and encourage this global shift in therapy.

## Conference Themes

Clinical Impact of Technology  
Brain-Computer Interface in Rehabilitation  
Neuromotor & Neurosensory modeling and processing  
Biomechanics in Rehabilitation  
Neural Prostheses in Rehabilitation  
Neuro-Robotics in Rehabilitation  
Neuromodulation  
Others

## Contributions

Extended abstract (2 pages) contributions are welcome. All contributions will be peer reviewed. All accepted contributions will appear in Conference Proceedings. Selected papers will be considered for publication in Special Issues in International Journals (e.g. JNER, JACCES).

The conference will be preceded and followed by Workshops, and interspersed by Special Sessions and tematic Round Tables. Supporting materials for Workshops, Special Sessions and Round Tables will also be published in the Conference Proceedings.

 JOURNAL OF NEUROENGINEERING  
AND REHABILITATION

IMPACT  
FACTOR  
2.64

## Keynote Speakers

Prof. Grégoire Courtine  
EPFL, Zurich

Prof. M. Chiara Carrozza  
Scuola Superiore Sant'Anna, Pisa

Prof. Donatella Mattia  
IRCCS Santa Lucia, Rome

Prof. Mathias Bähr  
University of Göttingen Medical School

Prof. Jane Burridge  
University of Southampton

## NEW! Student Competition

### **Paper Competition for undergraduate and graduate students is now open!**

All contributions will be peer reviewed. Selected finalists will present their work with Posters and Oral presentations.



The winner will be awarded with a free inscription to the 2013 Summer School on Neurorehabilitation (for more information about Summer School please visit the website of 2012 edition: [www.SSNR2012.org](http://www.SSNR2012.org)).

### *Conference Chair*

Prof. José L. Pons

### *Conference Co-Chairs*

Prof. Marco Molinari

Dr. Ángel Gil-Agudo

## Steering Committee

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Paolo Bonato, Spaulding Hospital, USA

## Conference Committee

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Dejan Popovic  
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Eduardo Rocon  
Shingo Shimoda  
Thomas Sinkjær  
Thomas Stieglitz  
Toshiyo Tamura  
Julian Scott Taylor  
Nicola Vitello

## Organization Committee

Marta Pajaro, Publications Chair  
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Diego Torricelli, Workshops Chair  
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Rafael Raya, Exhibitions Chair  
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[www.ICNR2012.org](http://www.ICNR2012.org)

## About Toledo

The city of Toledo, declared a World Heritage Site by UNESCO in 1986, is located on a rocky headland, bordered by the river Tajo in the very heart of Spain, just 70 kilometres from the capital, Madrid. Considered by many to be a “Second Rome”, Toledo is still very much a unique city. Unique in its details, history, culture and charm. Three cultures from three single-faith religions - Muslim, Hebrew and Christian - left their imprints on this sad rock and cradle of civilisations - as Cervantes wrote - embracing the Tajo, witness to the mark of all the peoples of the Iberian Peninsula.

Churches, synagogues, mosques, convents, city walls, bridges, towers and an endless amount of cultural and artistic possibilities held in their buildings make Toledo a museum waiting to be discovered. Made to be walked along their long slopes and to be seen on the horizon, there are a large number of monuments in Toledo, surrounded by unforgettable spots and places that awaken sensations in the eyes of those who visit and those who have the good fortune to live there.

Nov 14-16, 2012



Toledo, Spain

### Organizers:



Spanish National Research Council



Paraplegic National Hospital, Toledo

### Technical Sponsors:

