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

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

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.

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).

Organization Committee
Marta Pajaro, Publications Chair publication@icnr2012.org
Diego Torricelli, Workshops Chair workshops@icnr2012.org
Rafael Raya, Exhibitions Chair exhibitions@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.

Organizers:

Spanish National Research Council

Paraplegic National Hospital, Toledo

Technical Sponsors:

www.ICNR2012.org