1st Congress of the European Academy of Neurology

The European Academy of Neurology (EAN) is the organisation that unites and supports neurologists across the whole of Europe. Currently, 45 European national neurological societies as well as 800 individuals are registered members of the EAN. Thus, the EAN represents more than 21,000 European neurologists.

We are pleased to invite you to this great event on behalf of the EAN and the German Society of Neurology. Today, Berlin is one of the world’s most vibrant capitals, with an impressive cultural, scientific and economic scene. The city is also emerging as the centre of German healthcare, last but not least due to the Charité Hospital, the largest clinic in Europe, counting 3200 beds and 7000 medical and healthcare students and many medical research institutes.

Berlin has a long neurological history. It was here that Moritz Heinrich Romberg wrote the ‘Lehrbuch der Nervenkrankeiten des Menschen’, a frontier breaking mid-19th century textbook which is seen as the foundation of modern neurology. Almost 25 years after the fall of the wall, the once divided city of Berlin today symbolises peaceful revolution, the overthrow of outworn systems and the venture into a new political era. A series of neurological history in Germany can be found in our newsletter here. The 1st Congress of the EAN will also write European neurological history. EAN is the joint subsequent organisation of the EFNS (European Federation of Neurological Societies) and ENS (European Neurological Society), and thereby the first united voice of European Neurology. This founding act was celebrated on June 3rd, 2014 at the Joint Congress of European Neurology in Istanbul. The first congress of this new society will be celebrated in the united Berlin.

The EAN Congress in Berlin will provide the ideal platform for continuing education in all fields of neurology, covering a broad spectrum of topics with state-of-the-art lectures by renowned experts. The EAN is dedicated to providing the highest quality of continuing medical education and to opening professional education opportunities. The following Symposia will be presented at the EAN Congress in Berlin:

• EAN-ESO Symposium: Spontaneous intracerebral haemorrhage
• Epilepsy and the injured brain: causes and consequences
• Modern molecular genetics in clinical myology
• Plenary Symposium: Hot topics in neurological sciences
• Preclinical Alzheimer’s disease
• Expanding fields in neurology
• Present and future treatment in movement disorders
• Multiple sclerosis therapy moving forward: where is the truth? Hopes and hazards
• Infections of the central nervous system: recent advances

Apart from that, there will be a wide range of lectures in the fields of stroke, ALS, epilepsy, Alzheimer’s and Parkinson’s disease, multiple sclerosis, neuroimaging and many more. Find out about all the sessions you should not miss at our Berlin Congress in our newsletter Neuropenews.

The Neurological Rehabilitation Therapy & Technology Expo 2015

The Neurological Rehabilitation Therapy & Technology Expo 2015 is the UK’s leading innovative event committed to medical professionals working in the rehabilitation of neurological conditions. Here, professionals from the world of neuro rehab will highlight the importance of research into neurological conditions, the application of assistive technology, and what the future holds for the neurological rehabilitation profession.

Understanding the advancements in technology in terms of how people who have suffered a major neurological event recover, is crucial to the enhancement of their function and mobility. This is the aim of the Neurological Rehabilitation Therapy & Technology Expo highlighted by the array of industry thought leaders who will be presenting in the keynote seminar theatre over the two days.

Amongst the speakers is Clare Hartigan, program manager at the Shepherd Center in Atlanta, Georgia, which specialises in medical treatment, research, and rehabilitation for people with spinal cord and brain injury. Clare has twenty six years of clinical experience and plays a critical role in the final stage of trials for robotics-assisted walking devices that could improve the lives of the population suffering from limited mobility and function.

Clare will make the trip over to the UK to discuss her research into locomotor training, an activity-based rehabilitation treatment device included in the center’s Shepherd Step Program.

**How does locomotor training work?**

Body-weight supported locomotor training uses unique body-weight-supported treadmill systems. The participant is suspended in a harness over a treadmill whilst the participant’s legs are moved to simulate walking, either through a trained therapist or the robotic system. As the individual’s function strengthens, they move from the treadmill to walking over ground.

The idea behind this innovative device stems from research carried out by Clare and the Shepherd Center team into neural plasticity and the role the spinal cord plays in the function of stepping and standing. Clare will provide thorough details into the research behind the device and its impact on improving over ground walking for individuals with movement in their legs.

The Neurological Rehabilitation Therapy & Technology Expo is an annual event. In March, the exhibition debuted in the USA and was a huge success bringing together neuro rehab professionals from around the world. This June’s event will have a total of 1,500 researchers, medical practitioners, and technological innovators taking part, which is being held at ExCeL London on the 10th and 11th of June. If you are involved in the field of neurological rehabilitation and research, this event is the perfect opportunity for you to hear from renowned keynote speakers, compare ideas, and gain first-hand experience of assistive technologies.