

## General Information

### Venue and Date

Estrel Hotel & Convention Center Berlin  
Sonnenallee 225  
12057 Berlin (DE)  
March 18–19, 2014

### Program Committee

Jens Ellrich (Aalborg/DK)  
Markus Kofler (Hochzirl/AT)  
Josep Valls-Solé (Barcelona/ES)  
Nadine Wolf (Berlin/DE)

### Organisation

BrainStem Society  
[www.brainstemsociety.com](http://www.brainstemsociety.com)

### Conference Website

[www.iccn2014.de/programabstracts/brainstem-society](http://www.iccn2014.de/programabstracts/brainstem-society)

For further information on the BSS

[www.brainstemsociety.com](http://www.brainstemsociety.com)

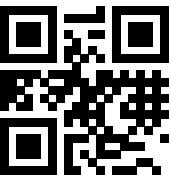
### Registration Details

BSS Regular 180 EUR  
Save 120 EUR when additionally registering for the ICCN 2014.

### Congress Organisation

Conventus Congressmanagement & Marketing GmbH  
Nadia Al-Hamadi  
Carl-Pulfrich-Straße 1 • 07745 Jena (DE)  
Phone +49 3641 31 16-315 • Fax +49 3641 31 16-241  
[bss2014@conventus.de](mailto:bss2014@conventus.de) • [www.conventus.de](http://www.conventus.de)

For more information on the 30<sup>th</sup> International Congress of Clinical Neurophysiology (ICCN) of the IFCN, please have a look at [www.iccn2014.de](http://www.iccn2014.de).



## Invited Speakers

Giorgio Cruccu (Rome/IT)  
Marina A. J. de Koning-Tijssen (Groningen/NL)  
Vedran Deletis (New York, NY/US)  
Jens Ellrich (Aalborg/DK)  
Mark Hallett (Bethesda, MA/US)  
Shaheen Hamdy (Salford/GB)  
Giandomenico Iannetti (London/GB)  
Satu Jääskeläinen (Turku/FI)  
Rigmor Jensen (Glostrup/DK)  
Markus Kofler (Hochzirl/AT)  
Leonel Luis (Lisbon/PT)  
Eleftherios S. Papathanasiou (Nicosia/CY)  
John Rothwell (London/GB)  
Marco Schieppati (Pavia/IT)  
Josep Valls-Solé (Barcelona/ES)  
Luis Villanueva (Paris/FR)  
Nadine Wolf (Berlin/DE)

### Main Sponsor

cerbomed GmbH (Erlangen/DE)



### Lunch Symposium

Thursday, March 20, 2014 • 12<sup>15</sup>–13<sup>45</sup> hrs  
“Trancutaneous vagus nerve stimulation: treatment option in epilepsy and pain”



# 6<sup>TH</sup> INTERNATIONAL MEETING OF THE BRAINSTEM SOCIETY (BSS)

**March 18–19, 2014**

## Berlin



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[www.iccn2014.de](http://www.iccn2014.de)

Welcome Note



It is our pleasure to welcome you to the 6th Congress of the BrainStem Society (BSS). It has been a long journey since the first meeting in 1998, when many of us saw the Society as an opportunity to enrich and further cultivate our knowledge on the complex neurophysiology of the human brainstem. Our Society is small, like the brainstem in comparison to the whole nervous system. However, it gathers devoted members who love the beauty of understanding how the nervous system works. In our meetings, physiology comes typically hand by hand with the study of motor control and of pain disorders and we still have a lot of space to cover if we think that many important functions sit at the brainstem, including autonomic reactions, sleep and others.

We hope that you enjoy the congress as much as we have done in the past, and that the new Executive Board can maintain the old spirits embedded on new ideas and ways.

Handwritten signature of Josep Valls-Solé and his name: Josep Valls-Solé, MD PhD

Handwritten signature of Jens Ellrich and his name: Jens Ellrich, MD PhD

Scientific Program • Tuesday, March 18, 2014

- 1400 Welcome Remarks
J. Valls-Solé (Barcelona/ES), J. Ellrich (Aalborg/DK)
1410-1625 Session I – Brainstem Reflexes and Physiology Chairs
M. Kofler (Hochzirl/AT), G. Iannetti (London/GB)
1410 The vestibulo-ocular reflex in vertigo, dizziness and balance disorders
L. Luis (Lisbon/PT)
1440 Vestibular evoked myogenic potentials
E. S. Papathanasiou (Nicosia/CY)
1510 Sensorimotor integration during stance
M. Schieppati (Pavia/IT)
1540 Intraoperative brainstem monitoring
V. Deletis (New York, NY/US)
1610 Paired neurophysiological and clinical approach to brainstem assessment in Parkinson’s disease
E. R. de Natale, F. Ginatempo, A. Manca, K. S. Paulus
V. Agnetti, E. Tolu, F. Deriu (Sassari/IT)
1625 Poster Exhibition and Break
1745 Brainstem functions in dystonia
M. Hallett (Bethesda, MA/US)
1815 General Assembly BSS

Scientific Program • Wednesday, March 19, 2014

- 0830-1115 Session II – Motor Control Chairs
J. Valls-Solé (Barcelona/ES), N. Wolf (Berlin/DE)
0830 Motor control of swallowing reflexes
S. Hamdy (Salford/GB)
0900 Cerebellar influence on basal ganglia
J. Rothwell (London/GB)
0930 Exaggerated startle reactions
M. A. J. de Koning-Tijssen (Groningen/NL)

Scientific Program • Wednesday, March 19, 2014

- 1000 The StartReact phenomenon
J. Valls-Solé (Barcelona/ES)
1030 Correlation of tau pathology in eye movement related brainstem nuclei in cases of progressive supranuclear palsy (PSP) and a proposed role of perineuronal nets
A. Horn, A. Fröschl, J. Feige, S. Röber
H. Kretzschmar (Munich/DE)
1045 Modulation of force and velocity for accurate tasks by a startle.
J. M. Castellote (Madrid, Barcelona/ES)
J. Valls-Solé (Barcelona/ES)
1100 Is a multi array-contact lead able to improve STN-DBS in Parkinson’s disease?
L. Bour, F. Contarino, R. Verhagen, M. Lourens, R. de Bie
P. Van den Munckhof, R. Schuurman (Amsterdam/NL)
1115-1230 Poster Exhibition and Break
1230-1415 Session III – Pain Chairs
J. Ellrich (Aalborg/DK), S. Jääskeläinen (Turku/FI)
1230 Endogenous pain control systems: translational aspects
L. Villanueva (Paris/FR)
1300 Neuropathic pain assessment
G. Cruccu (Rome/IT)
1330 Advances in neuromodulatory treatment of cluster headache
R. Jensen (Glostrup/DK)
1400 Functional magnetic resonance imaging of pain-related brainstem nuclei in single subjects at 7 Tesla
F. Beissner (Hannover/DE; Charleston, MA/US), J. Polimeni
J. Kim, M. Bianciardi, V. Renvall, C. Eichner, L. Wald
V. Napadow (Charleston, MA/US)
1415 Closing Remarks
J. Valls-Solé (Barcelona/ES), J. Ellrich (Aalborg/DK)