

# Third Circular



**ICCN 2014**  
BERLIN GERMANY

## **30<sup>th</sup> International Congress of Clinical Neurophysiology** **March 19–23, 2014**



### **Main Topics**

Consciousness and higher brain function  
Development and aging  
Nerve and muscle





---

ICCN 2014

---

BERLIN GERMANY

---

Organization and Imprint .....	4
Welcome Note .....	5
General Information	
Main Topics .....	6
Named Lectures .....	6
Plenary Speakers .....	6
Important Deadlines .....	6
Events and Satellites .....	6
Program Overview	
Scientific Program Structure .....	7
Scientific Program Overview • Wednesday, March 19, 2014 .....	7
Scientific Program Overview • Thursday, March 20, 2014 .....	8
Scientific Program Overview • Friday, March 21, 2014 .....	8
Scientific Program Overview • Saturday, March 22, 2014 .....	9
Scientific Program Overview • Sunday, March 23, 2014 .....	9
Educational Program .....	10
Committees .....	12
Social Program	
Social Events .....	14
Sightseeing Opportunities .....	14
Important Facts	
General Facts .....	16
Registration Details .....	16
Poster Sessions .....	16
Travel Grants, Awards and Fellowships .....	16
Education Credits and Certification of the Scientific Program .....	17
Education Credits and Certification of the Educational Program .....	17
Accommodation .....	17
Journey to Berlin .....	17
City Map .....	18
Course on Single-Fiber Electromyography (SFEMG) .....	19
Call for Symposia and Abstracts .....	20

# Organization and Imprint

## Venue

Estrel Hotel & Convention Center Berlin  
Sonnenallee 225  
12057 Berlin (DE)

## Date

March 19–23, 2014

## Congress Websites

[www.iccn2014.de](http://www.iccn2014.de)  
[www.dgkn-kongress.de](http://www.dgkn-kongress.de)

## Hosting Societies

International Federation of Clinical Neurophysiology (IFCN)  
[www.ifcn.info](http://www.ifcn.info)  
German Society of Clinical Neurophysiology and Functional Imaging (DGKN)  
[www.dgkn.de](http://www.dgkn.de)

## Conveners

Prof. Dr. med. Otto W. Witte  
Friedrich-Schiller-Universität  
Jena University Hospital  
Hans Berger Department of Neurology and Clinical Neurophysiology  
Erlanger Allee 101  
07747 Jena (DE)

Prof. Dr. med. Reinhard Dengler  
Hannover Medical School  
Department of Neurology and Clinical Neurophysiology  
Carl-Neuberg-Straße 1  
30625 Hannover (DE)

## Conference Organization

Conventus Congressmanagement & Marketing GmbH  
Justus G. Appelt/Nadia Al-Hamadi  
Carl-Pulfrich-Straße 1  
07745 Jena (DE)  
Phone +49 (0)3641 311 63 15  
Fax +49 (0)3641 311 62 41  
[iccn2014@conventus.de](mailto:iccn2014@conventus.de)  
[www.conventus.de](http://www.conventus.de)

## Design/Layout

Layout	<a href="http://www.krea.tif-design.de">www.krea.tif-design.de</a>
Print	<a href="http://www.siblog.de">www.siblog.de</a>
Circulation	2.000
Editorial Deadline	March 8, 2013





Dear Colleagues and Friends,

We are happy to announce the 30<sup>th</sup> International Congress of Clinical Neurophysiology (ICCN2014) of the International Federation of Clinical Neurophysiology (IFCN). The ICCN2014 will take place in Berlin from March 20–23, 2014 and will be organized in conjunction with the Annual Meeting of the German Society for Clinical Neurophysiology and Functional Imaging (DGKN) scheduled from March 19–22, 2014.

The vibrant city of Berlin is an ideal venue in the heart of Europe and can easily be reached by airplane, train and car. Berlin as the capital of Germany and harbors many famous museums and galleries as well as concert halls, theaters, restaurants and pubs and is the traditional link between the East- and West-European cultures. The congress venue, the Estrel Hotel, has hosted many large international meetings and is situated close to the center of Berlin. It offers sufficient space for plenaries, symposia, workshops, seminars and courses. Accommodation is available at the Estrel and many other hotels in the surroundings and the city center in all categories.

Modern Clinical Neurophysiology is changing. The ICCN2014 will represent the classical methods such as EMG, NCS, EEG and evoked potentials in scientific sessions and educational courses, as well as advanced clinical neurophysiology using event related brain potentials and fMRI or modern therapeutic or interventional approaches such as invasive and non invasive brain stimulation. It will also cover closely linked imaging methods such as ultrasound, especially high resolution ultrasound and MRI of muscle, nerve and brain. ICCN2014 shall also show how these methods are embedded in the clinical context studying neuromuscular disorders, epilepsy, sleep, pain, cognitive and central movement disorders, brain plasticity in stroke, neurodegeneration and neuroinflammation and others.

The ICCN2014 registration fee will be fair and we will provide a special registration fee for students.

The IFCN will offer fellowships for a significant number of selected presenting participants.

We cordially invite you all to attend the ICCN2014 and look forward to meeting you in Berlin in March 2014.

Otto W. Witte, MD  
Convener

Reinhard Dengler, MD  
Convener

Paolo M. Rossini, MD  
IFCN President

# General Information

## Main Topics

Consciousness and higher brain function  
Development and aging  
Nerve and muscle

## Named Lectures

Buchthal-Lectures  
Halliday-Lecture  
Hans-Berger-Lecture  
Hoffmann-Lecture  
Kugelberg-Lecture  
Narabayashi-Lecture  
Richard-Jung-Lecture  
*Speakers tbd*

## Plenary Speakers

Eckhart Altenmüller (Hannover/DE)  
Jan Born (Tuebingen/DE)  
Karl Deisseroth (Stanford, CA/US)\*  
John Donoghue (Providence, RI/US)\*  
Mark Hallett (Bethesda, MA/US)\*  
Hans O. Lüders (Cleveland, OH/US)\*  
Giacomo Rizzolatti (Padua/IT)  
Bert Sakmann (Martinsried/DE; Jupiter, FL/US)\*  
Yoshikazu Ugawa (Fukushima/JP)\*

\*invited

## Important Deadlines

Symposium Submission May 1, 2013  
Abstract Submission July 30, 2013  
Early Bird Registration October 31, 2013

## Events

March 19–22, 2014 Scientific Program: 58<sup>th</sup> Annual Meeting of the German Society for Clinical Neurophysiology and Functional Imaging (DGKN)  
Teaching Program: Richard-Jung-Kolleg (German)  
March 20–23, 2014 Scientific Program: 30<sup>th</sup> International Conference of Clinical Neurophysiology (IFCN)  
Teaching Program: ICCN Teaching Program (English)

## Satellites

March 18–19, 2014 6<sup>th</sup> International Meeting of the Brain Stem Society (BSS)  
March 19–20, 2014 Course on Single-Fiber Electromyography (SFEMG)  
March 21, 2014 Symposium of the German Society for Liquor Diagnostics (DGLN)  
EEG-Symposium of the Association of Neurophysiologic Technical Assistants (FNNTA)  
Symposium of the Tom-Wahlig-Foundation  
March 21–22, 2014 Symposium of the Association of Medical Technical Assistants (MTA)

Please find more information about the events at [www.iccn2014.de](http://www.iccn2014.de).

State at printing

## Scientific Program Structure

	ICCN Scientific Program	ICCN Teaching	DGKN Scientific Program	Richard-Jung-Kolleg	Satellites
07:30		Morning Seminar		Morning Seminar	
08:00					
09:00	Scientific Symposium (English)	Teaching (English)	Scientific Symposium (German, partially English)	Richard-Jung-Kolleg (German)	Scientific Session (English)
10:00	Coffee Break				
11:00	Scientific Symposium (English)	Teaching (English)	Scientific Symposium (German, partially English)	Richard-Jung-Kolleg (German)	Scientific Session (English)
12:00	Lunch Symposia				
13:00					
14:00	ICCN Poster		DGKN Poster		
15:00	Scientific Symposium (English)	Teaching (English)	Scientific Symposium (German, partially English)	Richard-Jung-Kolleg (German)	Scientific Session (English)
16:00	Coffee Break				
17:00	Scientific Symposium (English)	Teaching (English)	Scientific Symposium (German, partially English)	Richard-Jung-Kolleg (German)	Scientific Session (English)
18:00					
19:00	Main Lecture and Social Program				

## Scientific Program Overview • Wednesday, March 19, 2014

	Satellite	Hands-on Workshops (German)					
09:00		Hands-on Ultrasound	Pre-congress Tours				
10:00							
11:00	Coffee Break	Hands-on Ultrasound					
12:00							
13:00	Lunch Break						
14:00	SFEMG Course Session 1	Hands-on Ultrasound					
15:00	Coffee Break						
16:00	SFEMG Course Session 2	Hands-on Ultrasound	Hands-on EMG	Hands-on Diagnosis of dysphagia	Hands-on Neurophysiology of respiration and ventilation	Hands-on EEG and EP	Hands-on Muscle and nerve ultrasound
17:00	Coffee Break						
18:00	SFEMG Course Session 3	Hands-on Ultrasound	Hands-on EMG	Hands-on Diagnosis of dysphagia	Hands-on Neurophysiology of respiration and ventilation	Hands-on EEG and EP	Hands-on Muscle and nerve ultrasound
19:00	DGKN Public Lecture (German) <i>Lernen im Schlaf – kein Traum</i> Jan Born (Tuebingen/DE)						
20:00	SFEMG Dinner						

## Scientific Program Overview • Thursday, March 20, 2014

	Room 1	Room 2	Room 3	Room 4	Room 5
08:30	Plenary/Named Lectures		Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
09:00	Plenary/Named Lectures		Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
10:00	Coffee Break				
11:00	Symposium	Plenary/Named Lectures	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
12:00	Lunch Symposia				
13:00	Lunch Symposia				
14:00	Poster Sessions				
15:00	Symposium	Symposium	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
16:00	Coffee Break				
17:00	Plenary/Named Lectures		Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
18:00	Plenary/Named Lectures		Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
19:00	ICCN & DGKN Opening Ceremony <i>Apollos gift: Music as a model for brain plasticity</i> Eckart Altenmüller (Hannover/DE) and piano player (Alexej Gorlatch)				
from 20:00	ICCN & DGKN Networking Evening				

## Scientific Program Overview • Friday, March 21, 2014

	Room 1	Room 2	Room 3	Room 4	Room 5
08:30	Plenary/Named Lectures		Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
09:00	Plenary/Named Lectures		Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
10:00	Coffee Break				
11:00	Symposium	Plenary/Named Lectures	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
12:00	Lunch Symposia				
13:00	Lunch Symposia				
14:00	Poster Sessions				
15:00	Symposium	Symposium	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
16:00	Coffee Break				
17:00	Symposium	Symposium	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
18:00	Lunch Symposia				
19:00	ICCN & DGKN Presidential Lecture				
from 20:00	ICCN & DGKN Social Evening				

## Scientific Program Overview • Saturday, March 22, 2014

	Room 1	Room 2	Room 3	Room 4	Room 5
08:30	Plenary/Named Lectures		Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
09:00					
10:00	Coffee Break				
11:00	Symposium	Plenary/Named Lectures	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
12:00	Lunch Symposia				
13:00					
14:00	Poster Sessions				
15:00	Symposium	Symposium	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
16:00	Coffee Break				
17:00	Symposium	Symposium	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
18:00					
19:00	ICCN Plenary Lecture				
from 20:00	free evening				

## Scientific Program Overview • Sunday, March 23, 2014

	Room 1	Room 2	Room 3	Room 4	Room 5
08:30	Symposium	Symposium	Symposium on Methods and Techniques	Competitive Symposium	Joint Symposium ICCN & DGKN
09:00					
10:00	Coffee Break				
11:00	Symposium	Plenary/Named Lectures		Competitive Symposium	Joint Symposium ICCN & DGKN
12:00					
13:00	ICCN Award Lecture				
14:00					
	ICCN Closing Ceremony				
	Post-congress Tours				

## Educational Program

### ICCN Teaching Program • March 20–23, 2014

In addition to the scientific program of the ICCN a comprehensive international teaching program will be organized parallel to the congress.

We engaged many highly renowned and famous clinicians and scientists for the training program. As a unique characteristic the program offers a comprehensive methodological review of the subjects, dealing not only with electrophysiology, but also with ultrasound and MR imaging, as well as pathophysiology and genetics. Whenever feasible, case discussions and sessions with patients will be included.

For quality reasons, the number of participants will be limited in several teaching sessions.

Every participant will receive an official certificate of attendance of the International Federation of Clinical Neurophysiology (IFCN), certifying for CME credits.

### Registration and Fees

The fee for each course will soon be available online.

Registration is possible from June 1, 2013. Please register online via [www.iccn2014.de](http://www.iccn2014.de).

#### Anatomical and functional systems

##### Muscle

Disorders	Electromyography	Ultrasound and MRI	Case discussions and hands on
-----------	------------------	--------------------	-------------------------------

##### Peripheral Nerves

Disorders	Electroneurography and -myography	Ultrasound and MRI	Case discussions and hands on
-----------	-----------------------------------	--------------------	-------------------------------

##### Blood vessels

Disorders	Ultrasound	Angiography and vascular MRI	Case discussions and hands on
-----------	------------	------------------------------	-------------------------------

##### Brain stem

Anatomy and disorders (incl. vertigo)	Electrophysiology and nystagmography	MRI and parenchymal ultrasound	Case discussions and hands on
---------------------------------------	--------------------------------------	--------------------------------	-------------------------------

##### Motor systems

Disorders and video sessions	Electrophysiology (incl. deep brain recordings)	TMS	Case discussions and hands on
------------------------------	---	-----	-------------------------------

##### Cognition

EEG, ERP, MEG	fMRI	Structural	Functional and effective
---------------	------	------------	--------------------------

##### Connectivity

## Diseases

### Epilepsy

Seizure semiology	Electrophysiology and imaging	Video monitoring	Surgery and invasive recordings
-------------------	-------------------------------	------------------	---------------------------------

### Sleep disorders

Sleep and consciousness	Disorders	Polygraphy	Case discussions and hands on
-------------------------	-----------	------------	-------------------------------

### Inflammatory disorders

Autoimmune central (MS, Anti-NMDA, etc.)	Autoimmune peripheral	Infectious (Lyme, Lepra, HTLV, etc.)	Case discussions and hands on
--	-----------------------	--------------------------------------	-------------------------------

### Pain and itching

Neuropathic pain	Central pain syndromes (incl. headache)	Pain measurement	Case discussions and hands on
------------------	---	------------------	-------------------------------

## Other Courses

### ICU and OR

ICU monitoring	OR monitoring, imaging and navigation	Critical illness disorders	Case discussions and hands on
----------------	---------------------------------------	----------------------------	-------------------------------

### Pediatric neurophysiology and imaging

Developmental disorders	Epilepsy and movement disorders	Metabolic disorders	Case discussions and hands on
-------------------------	---------------------------------	---------------------	-------------------------------

### SPM Course (Statistical parametric mapping)

## Committees

### Conveners

Otto W. Witte (Jena)  
Reinhard Dengler (Hannover)

### Honorary Presidents

Andrew Eisen (Vancouver/CA)  
Hans-Jochen Freund (Duesseldorf/DE)  
Mark Hallett (Bethesda, MA/US)  
Jun Kimura (Iowa City, IA/US)  
Carl Hermann Lücking (Freiburg i. Br./DE)  
Hans O. Lüders (Cleveland, OH/US)  
Hiroshi Shibasaki (Kyoto/JP)  
Erwin-Josef Speckmann (Münster/DE)

### Local Organizing Committee

#### *Secretary General*

Julian Grosskreutz (Jena)  
Hubertus Axer (Jena)

#### *Secretary*

Susanne Petri (Hannover)

#### *Program Chair*

Ulf Ziemann (Tuebingen)

#### *Program Committee*

Detlef Claus (Darmstadt)  
Joseph Classen (Leipzig)  
Matthias Endres (Berlin)  
Christian Erich Elger (Bonn)  
Thomas F. Münte (Luebeck)  
Karlheinz Reiners (Wuerzburg)  
Wilhelm Schulte-Mattler (Regensburg)

### Officers from IFCN

#### *President*

Paolo M. Rossini (Rome/IT)

#### *Secretary*

Daniel M. Cibils (Montevideo/UY)

#### *Past-President*

Hiroshi Shibasaki (Kyoto/JP)

#### *Editor in Chief*

David Burke (Sydney/AU)

#### *Treasurer*

Reinhard Dengler (Hannover/DE)

### Officers from DGKN

#### *President*

Reinhard Dengler (Hannover)

#### *Convener ICCN*

Otto W. Witte (Jena)

#### *Delegate IFCN*

Ulf Ziemann (Tuebingen)

#### *Secretary*

Detlef Claus (Darmstadt)  
Andreas Straube (Munich)

#### *Treasurer*

Christian Bischoff (Munich)

### International Teaching Program Committee

Ulf Ziemann (Tuebingen/DE)  
Christoph Baumgartner (Vienna/AT)  
Helmut Buchner (Recklinghausen/DE)  
David Burke (Sydney/AU)  
Marmede de Carvalho (Lisbon/PT)  
Rainer Göbel (Maastricht/NL)  
Mark Hallett (Bethesda, MA/US)  
Thomas F. Münte (Luebeck/DE)  
Karlheinz Reiners (Wuerzburg/DE)  
Paolo M. Rossini (Rome/IT)  
Wilhelm Schulte-Mattler (Regensburg/DE)  
Hiroshi Shibasaki (Kyoto/JP)  
Erik Stålberg (Uppsala/SE)

### SFEMG Program Committee

#### *Program Chair*

Erik Stålberg (Uppsala/SE)

#### *Local Organizers*

Katrin Hahn (Berlin)  
Fabian Klostermann (Berlin)  
Stefan Schreiber (Berlin)

## National Advisory Board

Christian Bien (Bielefeld)  
 Ulrich Brandl (Jena)  
 Günther Deuschl (Kiel)  
 Hans Christoph Diener (Essen)  
 Marianne Dieterich (Munich)  
 Ulrich Dirnagl (Berlin)  
 Peter Falkai (Munich)  
 Gereon R. Fink (Cologne)  
 Jutta Gärtner (Goettingen)  
 Christian Gerloff (Hamburg)  
 Rolf Gold (Bochum)  
 Martin Grond (Siegen)  
 Karl Max Einhäupl (Berlin)  
 Andreas Fallgatter (Tuebingen)  
 Hans Förstl (Munich)  
 Werner Hacke (Heidelberg)

Hans-Peter Hartung (Duesseldorf)  
 Ulrich Hegerl (Leipzig)  
 Florian Heinen (Munich)  
 Hans-Jochen Heinze (Magdeburg)  
 Bernhard Hemmer (Munich)  
 Manfred Kaps (Giessen)  
 Thomas Klockgether (Bonn)  
 Detlef Kömpf (Luebeck)  
 Ingeborg Krägeloh-Mann (Tuebingen)  
 Holger Lerche (Tuebingen)  
 Albert C. Ludolph (Ulm)  
 Wolfgang Maier (Bonn)  
 Jürgen Meixensberger (Leipzig)  
 Wolfgang H. Oertel (Marburg)  
 Walter Paulus (Goettingen)  
 Oliver Pogarell (Munich)

Heinz Reichmann (Dresden)  
 Rolf-Detlef Treede (Mannheim)  
 Heinrich Sauer (Jena)  
 Gabriele Schackert (Dresden)  
 Frank Schneider (Aachen)  
 Alfons Schnitzler (Duesseldorf)  
 Jörg Schulz (Aachen)  
 Volker Seifert (Frankfurt a. M.)  
 Claudia Sommer (Wuerzburg)  
 Hans-Jakob Steiger (Duesseldorf)  
 Helmuth Steinmetz (Frankfurt a. M.)  
 Andreas Straube (Munich/DE)  
 Arno Villringer (Leipzig)  
 Jens Volkmann (Wuerzburg)  
 Cornelius Weiller (Freiburg i. Br.)  
 Stefan Zierz (Halle a. d. Saale)

## International Advisory Board

Christoph Baumgartner (Vienna/AT)  
 Claudio Babiloni (Foggia/IT)  
 Robert J. Barry (Wollongong/AU)  
 Claudio L. Bassetti (Bern/CH)  
 Alfredo Berardelli (Rome/IT)  
 Mark B. Bromberg (Salt Lake City, UT/US)  
 Peter Brown (London/GB)  
 Mario Campero (Santiago/CL)  
 Robert E. W. Chen (Toronto/CA)  
 Daniel M. Cibils (Montevideo/UY)  
 Jonathan Cole (London/GB)  
 Giorgio Cruccu (Rome/IT)  
 Leonardo G. Cohen (Bethesda, MA/US)  
 James G. Colebatch (Sydney/AU)  
 Philippe Convers (Saint Etienne/FR)  
 Liying Cui (Beijing/CH)  
 Mamede de Carvalho (Lisbon/PT)  
 Luigi de Gennaro (Rome/IT)  
 Al de Weerd (Den Haag/NL)  
 Tamer Demiralp (Istanbul/TR)  
 Philippe Derambure (Lille/FR)  
 Vincenzo di Lazzaro (Rome/IT)  
 John Dunne (Perth/AU)  
 Leja Dolenc Grošelj (Ljubljana/SI)  
 John F. Ebersole (Chicago, IL/US)  
 Barbara Emeryk-Szajewska (Warszawa/PL)  
 Bjorn Falck (Turku/FI)  
 Martha Feucht (Vienna/AT)  
 Bogdan Florea (Napoca/RO)  
 Anders Fuglsang-Fredriksen (Aarhus/DK)  
 Karl Friston (London/GB)  
 Richard Frackowiak (Lausanne/CH)

Natan Gadoth (Bnei Barak/IL)  
 Luis Garcia-Larrea (Lyon/FR)  
 Rainer Goebel (Maastricht/NL)  
 Yuzhou Guan (Beijing/CN)  
 Riitta Hari (Helsinki/FI)  
 Tihomir V. Ilic (Belgrade/RS)  
 Kwang-Kuk Kim (Seoul/KR)  
 Manfaluthy Hakim (Jakarta/ID)  
 Ryusuke Kakigi (Okazaki/JP)  
 Ryuji Kaji (Tokushima/JP)  
 Robin Kennett (Bristol/GB)  
 Matthew Kiernan (Sydney/AU)  
 Jan Kochanowski (Warszawa/PL)  
 István Kondákor (Kecskemet, Pecs/HU)  
 Christian Krarup (Copenhagen/DK)  
 Jan Kremláček (Prague/CZ)  
 Michel Kruger (Luxembourg/LU)  
 Pavol Kucera (Bratislava/SK)  
 Martin Lauritzen (Copenhagen/DK)  
 Ronald Lesser (Baltimore, MD/US)  
 Hans O. Lüders (Cleveland, OH/US)  
 Michel R. Magistris (Genève/CH)  
 François Mauguière (Lyon/FR)  
 Brian McNamara (Cork/IE)  
 Kerry Mills (London/GB)  
 Marc Nuwer (Los Angeles, CA/US)  
 José Ángel Obeso (Pamplona/ES)  
 Juhani V. Partanen (Helsinki/FI)  
 Eleftherios Stelios Papatthanasiou (Nikosia/CY)  
 Alvaro Pascual-Leone (Boston, MA/US)  
 Lawrence H. Phillips (Charlottesville, VA/US)  
 Sigrid Pillen (Nijmegen/NL)

Angelo Quartarone (Messina/IT)  
 John Rothwell (London/GB)  
 Marcello Romano (Rome/IT)  
 Kai Rösler (Bern/CH)  
 Simone Rossi (Siena/IT)  
 Donald B. Sanders (Durham, NC/US)  
 Margitta Seeck (Genève/CH)  
 Jeremy M. Shefner (East Syracuse, NY/US)  
 Hartwig R. Siebner (Copenhagen/DK)  
 Haim Sohmer (Jerusalem/IL)  
 Erik Ståhlberg (Uppsala/SE)  
 Cornelis Jan Stam (Amsterdam/NL)  
 Valeria Strelets (Moscow/RU)  
 Hussein Moghazy Sultan (Alexandria/EG)  
 Craig E. Tenke (New York, NY/US)  
 Claude Tomberg (Brussels/BE)  
 Eugen Trinkka (Innsbruck, Salzburg/AT)  
 Yoshikazu Ugawa (Fukushima/JP)  
 Önder Us (Istanbul/TR)  
 Antonino Uncini (Chieti/IT)  
 Michel van Putten (Amsterdam/NL)  
 Josep Valls-Solé (Barcelona/ES)  
 Kubilay Varli (Ankara/TR)  
 David B. Vodusek (Ljubljana/SI)  
 Benedikte Wanscher (Aarhus/DK)  
 Markus Weber (St. Gallen/CH)  
 Janez Zidar (Ljubljana/SI)  
 Machiel Zwartz (Nijmegen/NL)

State at printing

# Social Program

## Social Events

- Pre-congress Tours • Tuesday, March 18, 2014 and Wednesday, March 19, 2014
- ICCN and DGKN Networking Evening • Thursday, March 20, 2014
- ICCN and DGKN Social Evening • Friday, March 21, 2014
- Post-congress Tours • Sunday, March 23, 2014 and Monday, March 24, 2014

## Sightseeing Opportunities

### Pre- and Post-congress Tours

If you are interested in offers for pre- and post-congress tours in Germany and throughout Europe, please find more information by June, 2013 at [www.iccn.2014.de](http://www.iccn.2014.de) or contact us via [iccn2014@conventus.de](mailto:iccn2014@conventus.de).

### „Ich bin ein Berliner!“

Follow the footsteps of politicians, celebrities and tourists alike. Discover a city that has changed more than any other city in the world over the last few years. Berlin brings together the past, present and future in a truly unique way.

With an area nine times bigger than Paris, more bridges than Venice, the world's longest open air gallery, Europe's largest department store KaDeWe and the most zoo animals in the world, Berlin surely has something to offer for everyone.

For culinary delights, Berlin's multiculturalism awaits with a dazzling variety of cuisines, local specialties and its very own genuine beer.

Cultural enthusiasts can enjoy three running opera houses, 150 theatres and stage venues and "more museums than rainy days" (175 museums to be exact).

And with 30% of the city being covered by parks and woods or rivers, lakes or waterways, a place to unwind is only a few steps away.

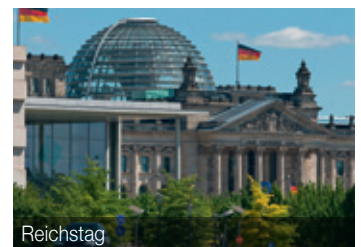
"Berlin – the place to be" be open, be free, be Berlin.



Skyline



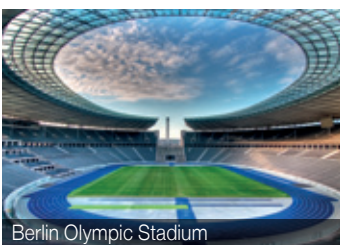
Museum Island



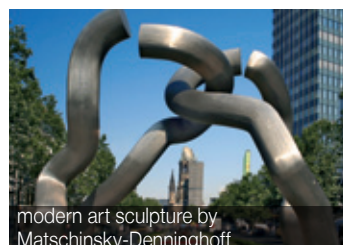
Reichstag



House of World Cultures



Berlin Olympic Stadium



modern art sculpture by Matschinsky-Denninghoff



German Historical Museum



Checkpoint Charlie



TV-Tower and World Clock

For more Information: [www.visitBerlin.com](http://www.visitBerlin.com)

© fotolia.com/Jörg Engel/Alexander Kante/Thomas Röske/elzeneize • [visitBerlin.de](http://visitBerlin.de)/Scholvien/G. Steffen

## Magic Cities: the eleven stars of Germany

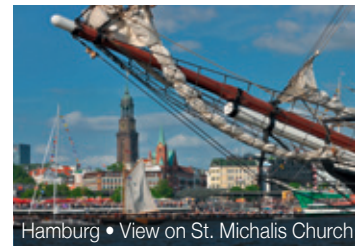
Every year, Germany's biggest and most popular cities attract millions of visitors from all over the world. Everyone from business travelers and cultural enthusiasts to shopaholics and party animals will find exactly what they are looking for.

The Magic Cities lead the way for urban breaks in Germany. Discover the maritime vibe in **Hamburg** "Maritime City" or the creative fashion scene in **Berlin** "City of Cool". **Duesseldorf** "City of Fashion" is great for shopping, **Dresden** "City of Culture" displays baroque splendor. Visit flagship international trade fairs in **Hannover** "City of Innovation" and the Christmas market in **Nuremberg** "City of History". Discover Bach, books and art nouveau architecture in **Leipzig** "City of Music" or how about the Alps in **Munich** "City of Lifestyle"? Traditional German cider in **Frankfurt** "City of Art", musicals in **Stuttgart** "City of Cars" and chocolate in **Cologne** "City of Exuberance"?

The choice is yours!

## Destination Germany – cosmopolitan flair in the heart of Europe

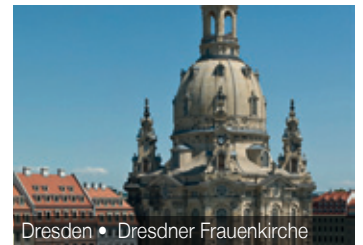
Two thousand years of history, a wealth of culture, a modern and cosmopolitan feel and a variety of natural scenery – as a travel destination, Germany offers all this and so much more. Over 10,000 towns and cities, each one with its own appeal, give Destination Germany its character. Vibrant urban centres, especially the capital Berlin, and smaller historical towns are home to architectural highlights, museums, theatres and concert halls of international renown, and they make great places to shop. Besides fascinating city breaks, Germany's 16 federal states offer a variety of natural landscapes, excellent regional cuisine and cultural and historical attractions. With its 103 nature reserves, 14 national parks, two coastlines and its many different lake and highland regions, not to mention the Alps, Germany offers a world of opportunities for active holidays and relaxation. And throughout the country, you can expect great value for money and an excellent infrastructure.



Hamburg • View on St. Michaelis Church



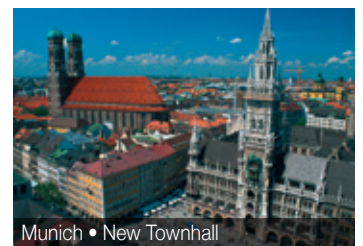
Berlin • Brandenburger Tor by night



Dresden • Dresdner Frauenkirche



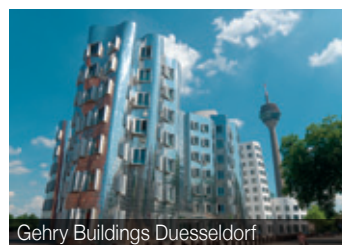
Leipzig • Battle of Nations Monument



Munich • New Townhall



Old Town Hannover



Gehry Buildings Duesseldorf



Kaiserburg Nuremberg



Frankfurt • Skyline by night



Köln • Cologne Cathedral

For more information go to [www.germany.travel/en](http://www.germany.travel/en)

Source image text: DZT (Deutsche Zentrale für Tourismus)  
 © HMT • mediaserver.hamburg.de/Spahrbier • DZT/Joachim Messerschmidt • TMGS/Jörg Schöner  
 Leipzig LMT/Schmidt • DZT/Andrew Cowin • Jochen Keute • DZT Andrew Cowin

## Important Facts

### Venue

Estrel Hotel & Convention Center Berlin  
Sonnenallee 225  
12057 Berlin (DE)

### Date ICCN

March 20–23, 2014

### Date DGKN

March 19–22, 2014

### Date SFEMG Course

March 19–20, 2014

### Language

The congress language of the ICCN and the ICCN Teaching program is English. The congress language of the DGKN, the Richard-Jung-Kolleg as well as the Hands-on workshops is predominantly German. However, presentations may be given in English.

### Registration Details

Early registration  
until 10/31/2013

Late registration  
until 03/10/2014

On-site registration  
from 03/11/2014

### International Program

ICCN Regular (incl. DGKN)	450 EUR	490 EUR	550 EUR
ICCN postgraduate Student (incl. DGKN)	245 EUR	295 EUR	345 EUR
ICCN undergraduate Student (incl. DGKN)	50 EUR	50 EUR	50 EUR

ICCN and DGKN Networking Evening • Thursday, March 20, 2014

0 EUR

ICCN and DGKN Social Evening • Friday, March 21, 2014

tbd

### Satellite Course

SFEMG Course (incl. SFEMG Dinner)	245 EUR	295 EUR	345 EUR
SFEMG Course for ICCN participants	100 EUR	100 EUR	100 EUR
SFEMG Course Accompanying Person (no entrance to scientific program – Dinner only)	60 EUR	60 EUR	60 EUR

Registration opens on June 1, 2013. Please register online via [www.iccn2014.de](http://www.iccn2014.de).

### German Scientific Program

The ICCN 2014 is organized in conjunction with the 58<sup>th</sup> Annual Meeting of the German Society of Clinical Neurophysiology and Functional Imaging (DGKN) and the German Teaching Program of the Richard-Jung-Kolleg (RJK). The program will be announced separately. More information is available online at [www.dgkn-kongress.de](http://www.dgkn-kongress.de).

### Poster Sessions

Poster presentations will receive great attention during the meeting. They will be placed centrally in the meeting rooms, we will reserve much time in the program for the posters, many renowned scientists will chair the poster presentations, and several poster prizes will be awarded. We encourage the submission of posters, both from young as well as from advanced scientists, and will ask the senior authors to also be present at the posters during the poster sessions if possible. We hope that many recent important studies and inventions in the field of clinical neurophysiology and functional imaging will be presented. Poster presenters may also volunteer for an inclusion of their talk into an oral symposium.

### ICCN Travel Grants

The ICCN is offering a number of travel grants to young participants from economically disadvantaged countries whose abstracts have been accepted for the congress.

### ICCN Competitive Young Scientist Awards

The ICCN is offering young scientists awards for outstanding contributions to the congress.

Please find more information regarding the application criteria for travel grants and awards at [www.iccn2014.de](http://www.iccn2014.de).

### DGKN Fellowships

The DGKN is offering fellowships. All applicants have to be active participants of the congress. Please find more information regarding the application criteria at [www.dgkn-kongress.de](http://www.dgkn-kongress.de).

### Education Credits and Certification of the Scientific Program

The **30<sup>th</sup> International Congress of Clinical Neurophysiology (ICCN)** will be certified by the European Accreditation Council for Continuing Medical Education (EACCME) and will be certified with European CME credits (ECMEC).

The **58<sup>th</sup> Annual Meeting of the German Society for Clinical Neurophysiology and Functional Imaging (DGKN)** will be certified by the Medical Association of Berlin with CME credits.

Additionally, the German Society for Epilepsy (DGfE) will certify several sessions of the DGKN program.

### Education Credits and Certification of the Educational Program

The **International ICCN Teaching Program** will be certified by the European Accreditation Council for Continuing Medical Education (EACCME).

Additionally, every participant will receive a certificate of attendance by the International Federation of Clinical Neurophysiology (IFCN).

The **Richard-Jung-Kolleg (RJK)** will be certified by the Medical Association of Berlin and every seminar, course, curriculum will be certified with CME credits.

Additionally, the German Society for Ultrasound in Medicine (DEGUM) will certify an ultrasound course of the RJK program.

### Accommodation

Reservation forms for the hotel contingent and the appropriate special rates can be found on the congress homepage at [www.iccn2014.de](http://www.iccn2014.de).

Please note: The congress organization acts only as an intermediary party and assumes no liability for reservations. Changes and cancellations should be made directly with the appropriate hotel.

### Journey to Berlin

All information regarding possible travel arrangements by plane, car and public transport are indicated on [www.iccn2014.de](http://www.iccn2014.de).

### Cooperation with German Railways

With the special offer of Conventus Congressmanagement & Marketing GmbH and Deutsche Bahn, you will travel relaxed and comfortable to the 30<sup>th</sup> International Congress of Clinical Neurophysiology of the International Federation of Clinical Neurophysiology (ICCN) in Berlin.

Switching over to rail, you help our environment and contribute actively in the climate protection.

The price for your congress event ticket for round trip\* to Berlin is:

2 <sup>nd</sup> class	99 EUR (for defined train connection)
1 <sup>st</sup> class	159 EUR (for defined train connection)
2 <sup>nd</sup> class	129 EUR (for all trains)
1 <sup>st</sup> class	189 EUR (for all trains)



international connections available on request

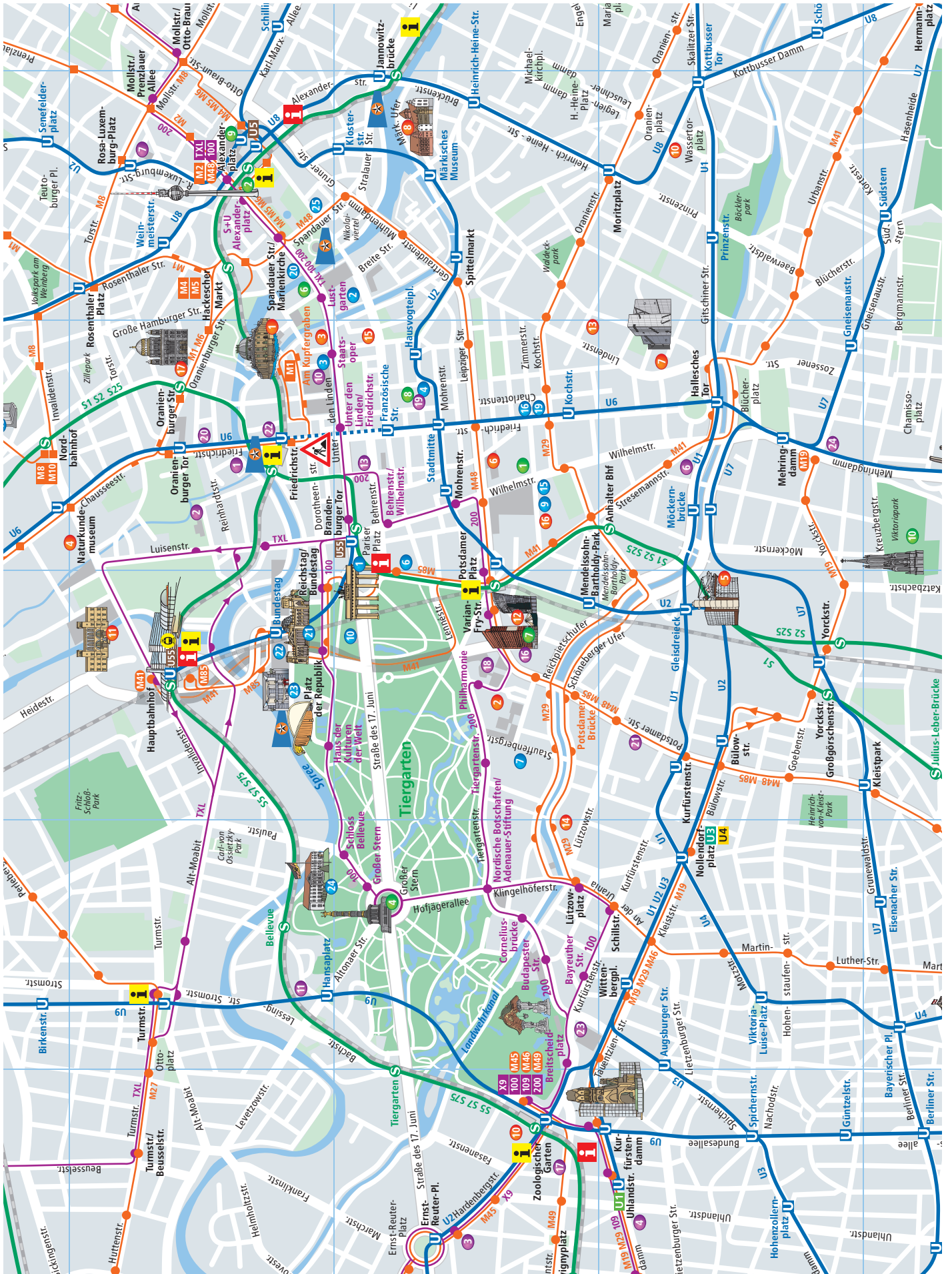
Your ticket is valid for a travel period of maximum 14 days for your round trip.

Please call our service number +49 (0)1805 31 11 53\*\* to book your ticket and quote "CONVENTUS" as reference.

Please have your credit card ready.

Conventus Congressmanagement & Marketing GmbH and Deutsche Bahn wish you a pleasant journey!

# City Map



# Course on Single-Fiber Electromyography (SFEMG)

## Event

Course on Single-Fiber Electromyography

## Date

March 19–20, 2014

## Venue

Estrel Hotel & Convention Center Berlin  
Sonnenallee 225  
12057 Berlin (DE)

## Organizer

Erik Stålberg  
Uppsala University Hospital  
Department of Clinical Neurophysiology  
75185 Uppsala (SE)  
[www.sfemg.info](http://www.sfemg.info)

## Program

Wednesday, March 19, 2014 • 13<sup>00</sup>–18<sup>45</sup> hrs

Thursday, March 20, 2014 • 08<sup>30</sup>–16<sup>15</sup> hrs

**Session 1** Welcome  
SFEMG recording principles  
(incl. filter, trig)  
SFEMG parameters: jitter, FD

**Session 4** Jitter in MG and LEMS  
Remote and long term effects of  
Botulinum toxin  
SFEMG in neurogenic conditions

**Session 2** Ways to measure jitter: peak, level  
VRF  
Stimulation SFEMG  
SFEMG in late components: H, F, blink

**Session 5** SFEMG in myopathic conditions  
Jitter as an outcome measure  
Jitter with CNE

**Session 3** DEMO Jitter and FD  
DEMO Stim SFEMG  
Discussion/video demo

**Session 6** DEMO in a pat with MG  
Stim CNE jitter in pediatric patients  
Simulation in relation to CNE jitter

**Session 7** DEMO of CNE jitter vol and stimulated  
DEMO in a pat with LEMS/ALS  
Role of SFEMG in routine

## Invited Speakers

Christian Bischoff (Munich/DE)  
Peter R. W. Fawcett (Newcastle upon Tyne/GB)  
João A. Kouyoumdjian (São Paulo/BR)  
Janice Massey (Durham, NC/US)  
Javier Navallas (Pamplona/ES)  
Matthew Pitt (London/GB)  
Donald B. Sanders (Durham, NC/US)  
Erik Stålberg (Uppsala/SE)  
Jože V. Trontelj (Ljubljana/SI)

Please register online at [www.iccn2014.de](http://www.iccn2014.de).

# Call for Symposia and Abstracts

We cordially invite you to submit your scientific contribution in form of symposium suggestions and abstracts to the topics stated below. Symposia and abstracts must be submitted online at [www.iccn2014.de](http://www.iccn2014.de) and in English only.

## Important Deadlines

Symposium Submission May 1, 2013

Abstract Submission June 30, 2013

## Topics

### Diseases

- Critical illness and sepsis
- Dementia
- Depression and anxiety
- Drug abuse
- Dystonia
- Epilepsy
- Inflammatory diseases of CNS and PNS
- Metabolic disorders
- Migraine
- Motor neuron disorders
- Movement disorders
- Multiple sclerosis
- Myasthenia
- Myopathies
- Neurodegeneration
- Neuropathies
- Pain
- Parkinson disease
- Rare neurological diseases
- Schizophrenia
- Sleep disorders
- Stroke

### Methods and Techniques

- Assessment of cognitive function
- Brain computer interface
- Deep brain stimulation
- Doppler ultrasound
- EEG
- EMG
- ENG
- Evoked potentials
- ICU monitoring
- Imaging
- Intraoperative monitoring
- MEG
- MRI (functional and structural)
- Nerve and muscle ultrasound
- Neurobotics
- Neuronavigation
- Robot-aided neurorehabilitation
- Single fibre EMG
- Transcranial magnetic stimulation

## Special Topics

- Controversies
- Giants of neurophysiology
- Highlight discoveries of the last years – Reviews of hot topics
- Music and the brain and disorders in musicians
- Neuroeconomics
- Neuroethics
- Neurophysiology of music learning
- Neurorehabilitation
- Neurotraumatology
- Standard operation procedures (SOPs) and standard values
- The coming stars

## Free Topics

We would be delighted to receive your contributions to the scientific program and your support, which will make a successful meeting!

**SUBMISSION via [www.iccn2014.de](http://www.iccn2014.de)**

## Awards

The best poster presentations will be appreciated with a poster award.

More detailed information will be published soon on the conference website.