Meeting organization

Members of scientific committee:

Jens Haueisen Prof. Doc.
Michel van Putten Prof.dr.ir.
Hans Axelson MD PhD
Maarten van de Velde PhD
Frank Zanow PhD

Congress secretariat:

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Meeting venue

The meeting is this year held at:

Hotel Le Panorama

74 Route De Pommard
21200 Beaune, France
Tel : + 33 (0)3 80 26 22 17
http://www.le-panorama.com

Château de Gilly*
Meeting venue on Friday afternoon

2 Place du Château
21640 Vougeot, France
Tel: +33 3 80 62 89 98
http://www.grandesetapes.fr

* transport by bus to the meeting location is included in participant registration.
## Meeting overview

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<td><strong>Thursday</strong></td>
<td>9:00 - 12:10 Symposium - Cognition</td>
<td>14:30 - 17:10 Symposium - Neuromodulation and Neural Plasticity</td>
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### Coffee breaks:

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### Product demonstrations

During the coffee breaks you are able to visit exhibitor hall where ANT Neuro en Micromed will give product demonstrations.
**Thursday, January 24 - Part 1**

**Symposium: Cognition**

Session leader: Jens Haueisen Prof. Doc.

09:00 - 09:20 Brief monocular deprivation as an assay of short-term visual sensory plasticity in schizophrenia – “the binocular effect”.
John J. Foxe - Albert Einstein College of Medicine, New York, USA

09:20 - 09:40 Affectively valenced stimuli modulate different processing stages of the inhibitory control circuit in schizophrenia patients with and without a history of violence
Pierfilippo De Sanctis - Albert Einstein College of Medicine, New York, USA

09:40 - 10:00 Auditory Memory Deterioration in Mild Cognitive Impairment and Alzheimer's Disease - An Event-Related Potential Study
Sara Liljander - Helsinki University Central Hospital, Finland

10:00 - 10:20 Neural correlates for vanishing point perception
Amrita Basu - Jadavpur University, Kolkata, India

10:20 - 10:50 Coffee break / Exhibit hall open

10:50 - 11:10 MMN and P300 are both modulated by the featured/featureless nature of deviant stimuli
Cécile Colin Prof. Ass. - Université Libre de Bruxelles, Belgium

11:10 - 11:30 The DOs and DON'Ts in psycholinguistic ERP research
Karsten Steinhauer Ph. D - McGill University, Montreal, Quebec, Canada

11:30 - 11:50 Processing music - What can brain voltage data tell us? Are EEG and ERP useful tools? - Some examples and the methods’ pros and cons
Christiane Neuhaus PD Dr. - University of Hamburg, Hamburg, Germany

11:50 - 12:10 Compromised Motor Imagery in Individuals with Early Stage Multiple Sclerosis: An ERP Study
Yousef Moghadas - Neuroscience Center of Kerman Medical University, Kerman, Iran

12:30 - 14:30 Lunch
Symposium: Neuromodulation and Neural Plasticity  
Session leader: Hans Axelson MD PhD

14:30 - 14:45  Introduction by Hans Axelson MD PhD

14:45 - 15:00  Navigated TMS in our clinical practice  
Hans Axelson MD PhD - Uppsala University Hospital, Uppsala, Sweden

15:00 - 15:20  rTMS in the treatment of poststroke aphasia  
Alexander Hartmann Prof. Dr. med.- RehaNova Cologne Neurologic Rehabilitation Clinic, Cologne, Germany

15:20 - 15:40  The use of repetitive transcranial magnetic stimulation to produce analgesic effects in patients with chronic pain syndromes  
Wassim H. Farhat - Hôpital Henri Mondor, Université Paris-Est-Créteil, Créteil, France

15:40- 16:10  Coffee break / Exhibit hall open

16:10 - 16:30  Robotized-navigated low-frequency repetitive transcranial magnetic stimulation over the right motor and prefrontal cortex improved pain and fatigue in patients with macrophagic myofasciitis  
Veit Mylius - Philipps University Marburg, Marburg, Germany

16:30 - 16:50  Plasticity in TMS-evoked Movements with Robotic Reach Training  
George Wittenberg - KU Leuven, Belgium

16:50 - 17:10  The effects of neuromuscular electrical stimulation on corticomuscular coherence  
Meei-I Lai - National Yang-Ming University, Taipei, Taiwan

17:10 - 19:00  Exhibit hall open
Friday, January 25 - Part 1

Symposium: Neurodiagnostics
Session leader: Georges Otte Dr.

9:00 - 9:20  A Post-mortem 7.0 Tesla Magnetic Resonance Imaging Study of Cerebral Microbleeds in Neurodegenerative Dementias.
Jacques De Reuck - Centre Hospitalier Régional Universitaire de Lille, Lille, France

9:20 - 9:40  24h In-home EEG after a first seizure in adults
Jessica Askamp - University of Twente, Enschede, The Netherlands

9:40 - 10:00 The role of EEG-correlated fMRI in presurgical evaluation of epilepsy surgery
Petra van Houdt – VU University Medical Center Amsterdam, The Netherlands

10:00 - 10:20 Target detection through a visual oddball task: a combined ERP-fMRI study
Salvatore Campanella - Université Libre de Bruxelles, Belgium

10:20 - 10:50 Coffee break / Exhibit hall open

10:50 - 11:10 Disrupted regulation of social exclusion in alcohol-dependence: an FMRI study
Pierre Maurage - Catholic University of Louvain, Belgium

11:10 - 11:30 Visual, auditory and cross-modal ERP oddball designs in patients with adjustment disorder: does it have an effect on the P300 component?
Hendrik Kajosch - CHU Brugmann, Brussels, Belgium

11:30 - 11:50 Cognitrace in Court: Profile of an Expert Witness
Georges Otte Dr. - Psychiatrisch Centrum Dr. Guislain, Gent, Belgium

12:30 - 14:30 Lunch
Friday, January 25 - Part 2

Symposium: Emerging Technologies in Brain Research and Diagnostics
Session leader: Michel van Putten Prof.dr.ir.

15:30 - 16:00 Introduction by Michel van Putten Prof.dr.ir.

16:00 - 16:20 Combining a passive robotic device, virtual reality and high-resolution EEG for post-stroke neuro-motor rehabilitation
Silvia Comani Prof. - Università degli Studi G. d’Annunzio, Chieti, Italy

16:20 - 16:40 Modelling the human skull using FEM-effects of errors and simplifications
Thomas Knösche - Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

16:40 - 17:00 Dry electrodes for electroencephalography
Jens Haueisen Prof. Doc.- Ilmenau University of Technology, Germany

17:00 - 17:30 Coffee break

17:30 - 17:50 Using ultra-mobile EEG/EMG in sports and human movement sciences. Some exciting applications and first results.
Jozina De Graaf - Institute of Movement Sciences, Marseille, France

Official product launch of the total mobility solution & Gala dinner
18:00 - 00:00 at Château de Gilly

Product launch of the Total Mobility Solution.
The researcher’s dream coming true!
Saturday, January 26

Symposium: Free communication
Session leader: Thomas Knösche Dr.

9:00 - 9:20  Introduction by Thomas Knösche Dr.

9:20 - 9:40  Using auditory-visual ERP experiments to study normal and impaired child language development
Phaedra Royle Prof. - University of Montreal, Canada

9:40 - 10:00  Late TMS-EEG responses in epilepsy patients and healthy controls
Esther M. ter Braack PhD student - University of Twente, Enschede, The Netherlands

10:00 - 10:20  Inhibition of cortical excitability by Retigabine: measurement of intracortical inhibition using transcranial magnetic stimulation
Machiel J Zwarts Prof.Dr. - Epilepsy Centre, Kempenhaeghe, The Netherlands

10:20 - 10:50  Coffee Break

10:50 - 11:10  Applying electric field modeling to TMS motor mapping
Andreas Bungert Post doc - Max Planck Institute for Biological Cybernetics, Tübingen, Germany

11:10 - 11:30  The use of graph theoretical analysis of eeg signals: clinical application in schizophrenia
Geert de Bruecker MD - Psychiatrisch Centrum Lede, Belgium

11:30 - 12:00  Long term effects of early life stress on the brain monoamines level in the rats
Reza Ghalamghash - Madaen General Hospital, Tehran, Iran

Effect of Early Maternal Deprivation with Chronic Stress on Behavior of Rats: It’s Relation to Age and Sex
Reza Ghalamghash - Madaen General Hospital, Tehran, Iran

12:00 - 12:30  Open discussion

12:30 - 14:00  Self-serve lunch
System demonstrations

Thursday demonstrations by ANT Neuro

**TMS neuronavigation**
Time: 9:00 - 10:30
Location: Exhibition room - Le Panorama
System used: visor2
By William Cuthbert

**Concurrent TMS – EEG**
Time: 11:00 - 12:30
Location: Exhibition room - Le Panorama
Systems used: visor2 & asalab
By William Cuthbert

**EEG and MEG data analysis**
Time: 14:30 - 16:00
Location: Exhibition room - Le Panorama
Systems used: asa
By William Cuthbert

Friday demonstrations by ANT Neuro

**Visualization, analysis, and reporting of ECoG**
Systems used: cortico
Location: Exhibition room - Le Panorama
By Michiel van Burik, PhD

**The total mobility solution**
Time: 18:30 - 19:30
Location: Château de Gilly
By Frank Zanow, PhD

Saturday demonstrations by ANT Neuro

**The total mobility solution**
Time: 9:00 - 12:00
Location: Exhibition room - Le Panorama
By Frank Zanow, PhD

Do you wish to learn more about any other ANT product?
Talk to our ANT staff members at the meeting and make an appointment for a product demonstration or just a short chat.
Savour the specialties of Burgundy

Wednesday January 23

Dinner menu

Jambon persillé Tradition
Volaille façon Carpaccio
Déclinaison de Salades
Terrine de Sanglier faite Maison
Saumon Mariné, Huile d’Olives,
Aneth et Citron Vert
***
Paleron de Bœuf
cuit fondant au vin rouge
Pennes au Beurre
***
Assortiments de Fromages affinés
Ami du Chambertin et autres
***
Tarte Tatin
Ile flottante
Flan pâtissier
Entremet Chocolat Poire
Salade d’Oranges à la Vanille
***
Sélection des Vins de la Maison au « Tonneau »
Eaux minérales
Café
Savour the specialties of Burgundy

Thursday January 24

**Lunch menu**

Aspic de «Pot au Feu», sauce Gribiche

***

Mousse de Brochet sauce Homardine
Epinards en Branche

***

Le véritable Chou à la Crème

***

Chardonnay 2010 Maison Bouchard
Pinot noir 2010 Maison Bouchard
Eaux minérales
Café

Thursday January 24

**Dinner menu**

Terrine de Canard aux olives

***

Suprême de Pintade au Poivre vert
Purée de Céleri Rave

***

Assortiment de Fromages affinés
Fromages bourguignons

***

Soufflé glacé au Marc de Bourgogne

***

Beaune Siserpe 2010
Chorey les Beaune Château de Chorey 2010
Eaux minérales
Café

Friday January 25

**Lunch menu**

Consommé de Crevettes
à la Citronnelle et Coriandre,

***

Filet de Sandre aux Endives, Beurre blanc
Gratin Dauphinois

***

Pommes Façon Bonne Femme,
Glace Vanille et Caramel au Beurre salé

***

Saint Véran 2011 Maison Drouhin
Bourgogne rouge 2011 Laforet
Eaux minérales
Café
Savour the specialties of Burgundy

Friday January 25

**Gala dinner**

Œufs pochés en meurette façon « Grand-Mère Marie »
Poached egg in red wine sauce

***

Pavé d’ombrine poêlé au beurre demi-sel
et croûte d’herbes, concassée de tomates
Umbrine marine fish pan fried and aromatic grass crust, crushed tomatoes

***

Epoisses de la Maison «Gaugry» et râpé de radis noir
Epoisses and grated horseradish

***

Viennois plein fruits au cassis de Bourgogne
Blackcurrant parfait and red fruits wiped cream

***

Viré Clessé 2010
Domaine Albert Bichot
Chorey les Beaune 2007
Domaine Albert Bichot
Eaux minérales

Café
After the scientific programme you will be able to join us at wine tasting with:

**DOMAINE LEJEUNE**

Wednesday 23 January  
19:00h  
Lobby area of hotel Le-Panorama

**DOMAINE PASCAL CHEVIGNY**

Thursday 24 January  
19:00h  
Lobby area of hotel Le-Panorama

You are able to purchase wine during the wine tasting. The order forms will be distributed at the meeting.
General information

Abstracts

The abstracts will be published in the first issue of the 2013 Volume of NCCN - Neurophysiologie Clinique Clinical Neurophysiology. For more information visit: www.em-consulte.com/produit/neucli

Language at the Neuromeeting

Official language at the Burgundy Neuromeeting is English. We ask for your understanding if some parts of the (social) program are in French.

Certificate of attendance

Please request your certificate of attendance at the front desk of the hotel or contact Petra Speh at neuromeeting@ant-neuro.com