

## PROSPECTUS



29 June - 01 July 2018 | Luxembourg-City, Luxembourg

*An innovative qEEG based individualized and personalized model of treatment for neurological, psychological and psychiatric disorders.*

### About

For the first time, ANT Neuro and Group Psylux / Neuroacademy Luxembourg join forces by organizing the International Neuro-Congress 2018 in Luxembourg-City, Luxembourg.

The congress provides practitioner's and clinicians that are interested in quantitative EEG (qEEG) and repetitive Transcranial Magnetic Stimulation (rTMS), a complete scientific and practical training in two days. Visitors have possibility to access various modular sessions, hands on training and high-quality scientific lectures that incorporate the latest research findings, developments, methods and products in Neurofeedback and Neuromodulation.

### Location

Bordered by Germany, Belgium and France, Luxembourg is famous for its beautiful architecture, historic buildings and medieval attractions. You will find a lot of cosy restaurants that invites guests to a high class culinary food experience and local Luxembourg gastronomic specialties. See section 'Meeting Venue' for more information about the accommodation and congress location.

### Program Outline

The program consists of a scientific symposium with keynote speaker talks and expert presentations, as well as whole-day complementary pre- and post-workshops about qEEG and rTMS.

Each participant's learning will be supported by product demonstrations using a state of the art portfolio and covering a broad spectrum of the most timely and significant advances, methods and devices used in brain research and diagnostics.

#### o Friday 29 June 2018 o

- BASIC I qEEG and rTMS pre-symposium workshops
- Lunch & Coffee Breaks
- Sightseeing Tour History of Luxembourg Middle Ages, 17<sup>th</sup>-18<sup>th</sup>-19<sup>th</sup> Century
- Dinner

#### o Saturday 30 June 2018 o

- Symposium Stroke (prevention, treatment), neuromodulation, neurocare
- Lunch & Coffee Breaks
- Culinary Journey through Luxembourg Wine, Beer & Local Specialties Tasting
- Gala

#### o Sunday 01 July 2018 o

- BASIC II qEEG and rTMS post-symposium workshops
- Lunch & Coffee Breaks

## Workshops

The pre-and post qEEG and rTMS workshops are fit for one's individual need in acquiring basic and a deepened level of knowledge, information and practical learnings in order to provide an in-depth introduction to the scientific foundations of neural therapies and Neuromodulation.

### • Basic qEEG pre-symposium & post-symposium workshop

The human brain is one of the most complicated systems. Measuring the bioelectrical signals of the brain with the electroencephalography (EEG) serves to image brain activity regarding brain functionality and interactivity. Quantitative electroencephalography is used to extend the analysis of electroencephalography (EEG). These extended analyses can help with diagnosis as well as give more detailed information regarding brain synchrony and coherence.

Topics that will be covered are:

- Frequency mapping
- Amplitude mapping
- Fourier Analysis
- Phase synchrony (coherence, phase lag)
- Magnitude synchrony (co-modulation/correlation and asymmetry)
- sLORETA

This workshop is the perfect way to expand your knowledge on qEEG research and applications. It includes hands-on training that makes use of ANT Neuro's **cognitrace™** and **eego™**, showing you all the possibilities offered by this state of the art technology.

### • Basic (qEEG based) rTMS pre-symposium & post-symposium workshop

A unique hands-on training opportunity for mental healthcare professionals to learn how to treat depression (MD), ADHD, dissociative disorders and sleeping problems with rTMS based on a detailed qEEG multimodal therapy (MMT). Neuromodulation experts will provide an overview of repetitive transcranial magnetic stimulation as a non-pharmaceutic approach in treating psychological and psychiatric disorders.

This workshop will be supported with ANT Neuro's rTMS product range or **visor2** from ANT Neuro.

## Keynote Speakers

During the symposium, there will be various lectures from internationally renowned keynote speakers from the respective research fields. The following keynote speakers have confirmed their presence, as stated below:

**Keynote:** Prof. Dr. Dirk W. Droste (Centre Hospitalier de Luxembourg; Luxembourg)  
*'Management and prevention of stroke'*.



**Keynote:** Prof. Dr. Keyoumars Ashkan (King's College Hospital; London, UK)  
*'Navigated TMS: challenges and potentials for the pre-operative surgical mapping of brain tumours'*.



**Keynote:** M.Sc. BAKK. Pth. Khashayar Pazooki (Neuroacademy; Mamer, Luxembourg)  
*'Multimodal treatments and psychiatric disorders in qEEG'.*



**Keynote:** Dr. Frank Zanow (CEO at ANT Neuro; Berlin, Germany)  
*'Navigated TMS in the treatment of psychiatric disorders'.*



**Keynote:** Prof. Dr. Max Leibetseder (Sigmund Freud PrivatUniversität; Vienna, Austria)  
*'Neurofeedback and cognitive coherence of schizophrenia - a single case study'.*



**Keynote:** Prof. Dr. med. Alexander Hartmann (Kliniken der Stadt Köln; Köln, Germany)  
*'Non Invasive Stimulation of the Brain'.*



### Program Language

To enable all participants to follow the sessions, gain new knowledge and be able to participate in discussions, the scientific program will be in **English**.

### Important Dates

- Early Bird registration deadline: 30 April 2018
- Regular Participant registration deadline: 20 June 2018

### Registration

Registration is mandatory. To register, please fill out the registration form (part of this prospectus) and send it to [info@neuroacademy.lu](mailto:info@neuroacademy.lu) stating your full name and registration type in the email subject line. Please note that for each participant it is mandatory to individually confirm their attendance for lunch and dinner, as requested on the registration form.

### Early Birds

Register before 1 May 2018 and save approximately 15% on your registration fee.

### Registration Fee International Neuro-Congress 2018

- Regular Participant: € 595, -
- Early Bird: € 495, -
- Relationship or Spouse: € 400, -
- Student: € 300, -
- Symposium Day Ticket (*lectures, lunch and gala dinner included*): € 250, -

### Included in the Registration Fee

- access to both the basic pre-qEEG & pre-rTMS workshop, taking place on Friday 29 June 2018
- access to the full scientific program and keynote lectures, taking place on Saturday 30 June 2018
- access to both the advanced post-qEEG & post-rTMS workshop, taking place on Sunday 01 July 2018
- access to the product demos and equipment (as part of training sessions) throughout the congress
- access to a Sightseeing Tour covering the important historic highlights (*registration mandatory*)
- tea and coffee breaks (throughout the meeting)
- congress materials
- (1x) wine & beer tasting
- (2x) dinner on Friday the 29<sup>th</sup> and GALA dinner on Saturday the 30<sup>th</sup> (*registration mandatory*)
- (3x) lunch on Friday the 29<sup>th</sup>, Saturday the 30<sup>th</sup> and Sunday the 1<sup>st</sup> (*registration mandatory*)

### Payment

Payment is only possible via bank transfer and must be received on the Organizer's account within two weeks (ten working days) of registration confirmation. All payments must be made as per the Terms & Conditions. For more information, please see below.

#### Payment Bank Transfer:

Please mention "Neuro-Congress 2018", your participation type and full name as the payer's reference to the following account details.

- Account name: Group Psylux – Neuroacademy
- IBAN: **LU97 0141 8584 3790 0000**
- SWIFT / BIC: **CELLULL**

### General Terms & Conditions

- registration is only valid after received payment and written confirmation from the Organizer
- payments should be received on the Organizer's account within two weeks (ten working days)
- when a participants' payment fails to be received on time, the reservation will be discarded
- each participant is required to register individually; group registrations are not accepted
  
- it is obligatory to individually confirm your attendance for lunch and dinner on the registration form
- only registered persons have access to the workshops, scientific lectures and social program
- participant badges will be distributed at and must be worn at all times to gain access
- registration for the Sightseeing Tour on Friday 29 June 2018, is mandatory
- ultimate registration deadline: 20 June 2018
  
- the Organizer remains the right to adjust or cancel the program or congress at every given time
- the participants will be refunded for the paid registration fee in case a cancellation takes place
- all rights are reserved; this document is not legally binding

### Cancellation policy

In case you need to cancel your participation, it is mandatory to inform us by writing an email to [info@neuroacademy.lu](mailto:info@neuroacademy.lu) stating the cancellation and cancellation date.

All cancellations received before May 1, 2018 will be processed free of charge. Cancellations made after May 1, as well as registrants who fail to attend, will be charged a full (regular participant) registration fee.

## Meeting Venue

The International Neuro-Congress will be held at Alvisse Parc Hotel in Luxembourg. With just being five minutes away from Luxembourg's city-centre, the airport & the Kirchberg Plateau – renowned for its European institutions, the hotel has an excellent reputation with newly renovated rooms, spa facilities, a sauna, swimming pool and fitness room that guests can make use of. For more information, please visit their website (*see contact details below*).

The organization has reserved a selected number of rooms specifically for this meeting's participants. Alvisse Parc Hotel offers participants of the congress rooms for € 95 euro per person per night (incl. breakfast). Rooms are assigned on first-come, first-served basis.

When registering for the International Neuro-Congress 2018, you will get a code that allows you to book your accommodation online. Please book your hotel room directly at the hotel's website using the **VIP** code.

### Alvisse Parc Hotel

120, Route d'Echternach  
L-1453 Luxembourg

T : +352 43 56 43  
E: [info@parc-hotel.lu](mailto:info@parc-hotel.lu)  
W: [www.parc-hotel.lu](http://www.parc-hotel.lu)

## Organizers

### Group Psylux / Neuroacademy Luxembourg

53, route d'Arlon  
L-8211 Mamer  
Luxembourg

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Group Psylux / Neuroacademy Luxembourg provides treatment (Neurotreatment), research (Neuroresearch) and education and training (Neuroacademy) in Neurofeedback therapy, Neuroregulation, qEEG and rTMS for doctors, psychotherapists, psychologists, occupational therapists, speech therapists, naturopaths and educators.

### ANT Neuro b.v.

Colosseum 22  
7521 PT Enschede  
The Netherlands

ANT Neuro is an internationally Dutch-based established corporation specialized in the development, manufacturing and sales of medical and research applications, including EEG, EMG, MRI, TMS and MEG technology. ANT Neuro specializes in being a single-source provider of innovative, high performance products within Neuroscience, Neurocare and Neuromodulation.

## Certificate of Attendance

All participants will receive a certificate of attendance.