

ean  
congress

6<sup>th</sup> Congress of the  
European Academy  
of Neurology

Paris  
2020

May 23 – 26



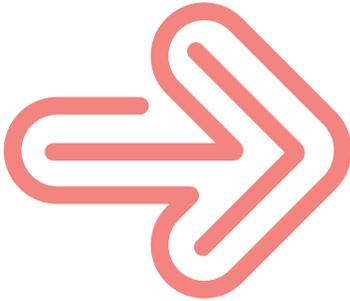
# Time for Action

Predict. Prevent. Repair.

Abstract submission deadline  
08 January 2020  
Early registration deadline  
16 March 2020



Preliminary Programme  
and Call for Abstracts



ABSTRACT SUBMISSION DEADLINE  
8 January 2020

EARLY REGISTRATION DEADLINE  
16 March 2020

ABSTRACTS MUST BE  
SUBMITTED ONLINE:  
[ean.org/paris2020](http://ean.org/paris2020)

## Organised by

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of Neurology

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Registration Management

AIM Group International

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Co-organised by

French Society of Neurology



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## Preliminary Programme

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\*) Enter the code 10PARIS for 10% off the registration fee.  
 Promotion valid until 15.01.2020.  
 All information included in this booklet is subject to changes.



# About Paris

### **Paris 2020: Feel the energy**

In 2020, Paris will charm and inspire you! Ever more welcoming, innovative, greener and livelier, this exhilarating 21<sup>st</sup>-century capital is on the move. The destination's cultural calendar is its greatest attraction - blockbuster exhibitions, the opening of new prestigious or original venues ... Plus, museums and trendy bars, art galleries and design hotels, outstanding monuments and renowned restaurants all make Paris an even more talked-about capital, with multiple facets, always ready to surprise Parisians and EAN delegates.

Paris creates a buzz with some 300 events taking place every day in the city. With the return of sunshine and milder temperatures in May, Paris will be playing host to numerous open-air events, such as the

French Open (at Roland Garros) or the 'Jazz à Saint-Germain-des-Prés' festival on the Left Bank. Food lovers are also in for a treat in May, with the food fair Taste of Paris setting up its stall in the nave of the Grand Palais. There will be a host of tasting sessions, chats with chefs and culinary events to enjoy.

May is a perfect month to enjoy the Parisian way of life after a day at the congress centre. Paris is a lively and convivial city at night. With a mix of genres and eras, it offers a great night out for everyone. From traditional cabarets, synonymous with glamour to trendy clubs through more atypical venues, not-to-miss addresses and ephemeral party evenings, Parisian nights are multifaceted!



# Time for Action

Predict. Prevent. Repair.

## Welcome Message

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Dear Colleagues and Friends,



it is our great pleasure and honour to welcome you to Paris for the 6<sup>th</sup> Congress of the European Academy of Neurology from 23 to 26 May 2020.

Paris is a dynamic and cosmopolitan city and one of Europe's major centres for science, education and arts. Paris also has an unrivalled heritage, with historic sites, picturesque streets, iconic monuments, world-class museums and art galleries. Paris is also famous for gastronomy and fashion, and the city centre is classified as a UNESCO Heritage Site.



France has a longstanding and pioneering tradition of Neurology and Neuroscience (the French Neurological Society was founded in 1899, with the Salpêtrière as an historic cradle). Since then, University Hospitals and research centres all over the country have contributed to scientific, clinical and therapeutic innovations, and have fostered strategic and productive international collaborations with many European groups. EAN is proud to build on this heritage when coming to Paris and is confident that the community of French neurologists will extend their hospitality to make this congress and your stay a great success and full of great memories.



The overarching theme of the congress is **Time for Action: Predict. Prevent. Repair.** The 'red thread', running through many of the congress sessions, will be to highlight the novel therapeutic interventions designed to predict, prevent and repair neurological diseases.

The congress will take place in Paris EXPO Porte de Versailles, a model of sustainable development, a place to live in the heart of Paris and easily accessible by public transportation, scooters or Velib' bikes.

EAN and the French neurological community welcome you to an enlightening congress in Paris. We also hope that you will enjoy the charm of Paris and the gentle lifestyle and culture in an international and friendly atmosphere.

We look forward to welcoming you to Paris!

Claudio Bassetti  
*Acting President*

Tony Marson  
*Chairperson Programme  
Committee*

Marie Vidailhet  
*Chairperson Local  
Organising Committee*

## Committees

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### EAN Board

Claudio Bassetti, Switzerland  
*Acting President*

Franz Fazekas, Austria  
*President*

Günther Deuschl, Germany  
*Past President*

Marianne de Visser, The Netherlands  
*Secretary General*

Elena Moro, France  
*Treasurer*

Dafin Muresanu, Romania  
*Chair Communication Committee*

Riccardo Soffietti, Italy  
*Chair Education Committee*

Tony Marson, United Kingdom  
*Chair Programme Committee*

Marie José Vidailhet, France  
*Chair Scientific Committee*

David B. Vodušek, Slovenia  
*Co-opted Member*

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### Local Organising Committee

Marie José Vidailhet, *Chair*

Jean-Louis Mas

Bruno Dubois

Sandra Vukuzic

Louise Tyvaert

### Programme Committee

Tony Marson, United Kingdom, *Chair*  
Marie Vidailhet, France, *Co-Chair*

Angelo Antonini, Italy (*MDS-ES*)

Jonathan Cole, United Kingdom (*IFCN-EMEAC*)

Urs Fischer, Switzerland

Sten Fredrikson, Sweden

Salimata Gassama, France (*RRFS*)

Dan Healy, Ireland

Max Hilz, Germany (*EFAS*)

Ivan Rektor, Czech Republic

Philip Scheltens, The Netherlands

Guido Stoll, Germany

Riccardo Soffietti, Italy (*Chair Education Committee*)

Claudia Sommer, Germany (*Chair Teaching*

*Course Sub-Committee*)

Walter Struhala, Austria (*Ethics & Quality TF*)

Antonio Toscano, Italy

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### Teaching Course Sub-Committee

Claudia Sommer, Germany, *Chair*

Elena R. Lebedeva, Russian Federation

Milija Mijajlovic, Serbia

Celia Oreja-Guevara, Spain

Erich Schmutzhard, Austria

Roland Wiest, Switzerland

Cristian Falup-Pecurariu, United Kingdom (*MDS-ES*)

David García Azorín, Spain (*RRFS*)

Maria Stamelou, Greece (*Ethics & Quality TF*)

Roland D. Thijs, The Netherlands (*EFAS*)

## Registration

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To register for the congress, please log in on [www.ean.org](http://www.ean.org) with your EAN log-in data and update your personal profile OR create a new account in case you do not have one yet. Click on the “I want to access the individual registration area” button below OR on the “Register Now” button in the slider on top of the page OR go to MyEAN and click on the banner “Congress Registration”.

In the registration area you will be able to register to the congress and book hotel accommodation.

Please note that EAN Membership is connected to the individual EAN account.

If you are registered by a third party, please provide them with your personal MyEAN log-in data. For group registrations special fees apply.

Detailed information on group registration can be found here:

<https://www.ean.org/paris2020/Group-Registration.4254.0.html>

If you wish to become an EAN Individual Member and benefit from reduced registration fees, please apply for membership first and kindly await approval of your application.

Please note that only those who have submitted their complete membership application before or by **27 March 2020** can benefit from the congress fee for members and one free educational course. Everyone who applies for membership after 27 March has to pay the full congress registration fee.

If you need help with your EAN profile or have questions regarding your membership status, please contact [headoffice@ean.org](mailto:headoffice@ean.org).

If you have any queries regarding congress registration, please contact [registration@ean.org](mailto:registration@ean.org).

**The registration fee for participants includes:**

- access to all scientific sessions
- access to interactive sessions, career development sessions, controversy sessions
- pocket programme
- opening networking reception
- abstract submission
- access to industrial exhibition and industry sponsored programme
- session webcasts on demand after the congress
- congress bag & notepad & pen
- earphones for poster sessions & scientific theatre
- coffee breaks & lunch

## Registration Fees

	by March 16	17 March - 8 April	as from 9 April
Non-member	€ 834	€ 906	€ 936
Fellow of EAN, Full Member, Corresponding Member (high income) <sup>1)</sup>	€ 492	€ 588	€ 636
Fellow of EAN, Full Member, Corresponding Member (lower-middle/upper-middle income) <sup>1) 2)</sup>	€ 384	€ 402	€ 420
Associate Member (high income) <sup>3)</sup>	€ 678	€ 762	€ 810
Associate Member (lower-middle/upper-middle income) <sup>4)</sup>	€ 384	€ 402	€ 420
Corresponding Institutional member <sup>5)</sup>	€ 384	€ 402	€ 420
Resident and Research Member <sup>1) 6)</sup>	€ 384	€ 402	€ 420
Student Member <sup>4)</sup>	€ 90	€ 102	€ 120
Hinari group A <sup>7)</sup>	€ 384	€ 402	€ 420
Day cards (for members of the French Society only)	€ 384	€ 384	€ 384
Group registration p.P. <sup>8)</sup>	€ 744	€ 834	€ 936
* Teaching Courses, Hands-on Courses and Case-based Workshops <sup>6)</sup>			
Member and Non-member	€ 35	€ 35	€ 35
Reduced rates <sup>2) 4) 5) 6) 7)</sup>	€ 25	€ 25	€ 25

All prices include 20% French VAT.

\* Participation to these courses is only possible, if registered to the congress. A limited number of tickets is available on a first-come, first serve basis.

<sup>1)</sup> Only valid, if you have submitted your complete membership application before 27 March 2020.

<sup>2)</sup> EAN Members from lower-middle/upper-middle countries (according to the World Bank).

<sup>3)</sup> Associate Members (high income) from national neurological societies from: Austria, Belgium, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, The Netherlands, United Kingdom.

<sup>4)</sup> Associate Members (lower-middle/upper-middle income) from national neurological societies from: Albania, Armenia, Azerbaijan, Belarus, Bulgaria, North Macedonia, Georgia, Kazakhstan, Moldova, Montenegro, Romania, Russian Federation, Serbia, Turkey, Ukraine, Uzbekistan.

<sup>5)</sup> Participants from Algeria, Egypt, Jordan, Lebanon, Libya, Mauritania, Morocco, Nepal, Palestine, Syria, Tunisia.

<sup>6)</sup> Students must be EAN Student members; PhD students/residents must be members of the EAN Resident and Research Fellow section (see <https://www.ean.org/Resident-and-Research-Member.3802.0.html>). Application before 27 March 2020 necessary.

<sup>7)</sup> Neurologists from countries belonging to the HINARI Group A list of countries as established by WHO [www.who.int/hinari/eligibility/en/](http://www.who.int/hinari/eligibility/en/) may apply.

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### Cancellation Terms

All cancellations need to be mailed to [registration@ean.org](mailto:registration@ean.org).

Refunds of registration fees will be processed after the EAN Congress 2020 as follows:

- before and on Monday, 16 March 2020:  
75% refund (25% handling fee)
- between Tuesday, 17 March 2020 and Wednesday, 8 April 2020:  
50% refund (50% handling fee)
- after Thursday, 9 April 2020:  
no refund - not even if due to visa rejection, illness, etc.

Administration fee for:

name change, invoice address change, lost name badges, further changes is € 50 incl. VAT.

We would like to remind you of the possibility to purchase an insurance for your participation and fees at the EAN congress, please see below.

The entire terms and conditions for individual registrations can be downloaded on the website.

### Cancellation Insurance

You have the possibility to obtain a cancellation insurance for all costs in relation to your conference attendance. Depending on the height of the premium, the insurance covers the cancellation of your registration, hotel and flight bookings.

All details, terms and conditions can be found on the website and are explained during the registration process.



## General Information

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### App

Please download the congress app “EAN Congress” for Android and iPhone, and use the interactive programme planner (also available on [www.ean.org](http://www.ean.org)) to organise your congress participation. After logging in with your EAN user name (Email address) and password, you can create your personal programme. There will be NO printed programme available this year.

### CME Accreditation

An application has been made to EACCME for CME accreditation of this event.

### Congress Venue

[Paris Expo Porte de Versailles - Paris Convention Centre](#)

1 Place de la Porte de Versailles  
Pavillon 7.3.

75015 Paris, France

[www.parisconventioncentre.com/en/](http://www.parisconventioncentre.com/en/)

### Exhibition

An extensive exhibition will be held concurrently with the congress.

Further information is available on the congress website [www.ean.org/paris2020](http://www.ean.org/paris2020).

### Insurance & Liability

Neither EAN nor AIM Group can accept liability for personal accidents or loss of or damage to private property of participants, either during or indirectly arising from the 6<sup>th</sup> Congress of the European Academy of Neurology.

It is recommended that all participants purchase personal travel insurance for their trip.

### Film and Photos

Please be advised that photographs and video recordings may be taken at the 6<sup>th</sup> EAN Congress. By participating in the congress, you consent to the publication, release, exhibition and/or reproduction of such photos to be used for the EAN website, EAN newsblog “EAN pages” and on EAN social media accounts.

### Hotel and travel

The official Housing Agency is  
AIM Group International  
[hotel@ean.org](mailto:hotel@ean.org)

The Vienna office of AIM Group International has been appointed as the official housing agency and is offering hotel accommodation for group and individual bookings.

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### Printed Programme

EAN is trying to reduce its congress material. A sophisticated app (see “App”) and interactive programme planner (IPP) have been developed in the past years, which is available for all participants.

A printed pocket programme with an overview of the programme will be available for all participants.

### Tourist Information

<https://en.parisinfo.com/>

### Website

[www.ean.org/paris2020](http://www.ean.org/paris2020)

The congress website is updated on a regular basis and will give latest details on the scientific programme and other important congress information.

### Webcasts and Livestreaming

The EAN Congress is available for all EAN members and congress participants online live during the congress and on-demand after the congress. Please take advantage of this possibility by logging in on the EAN website as a member.



## Call for Abstracts

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The Programme Committee welcomes the submission of abstracts on any neurological topic (see next page). There are two types of presentations, oral platform presentation and ePoster (divided into subcategories). If you do not want to give a platform presentation, please select “poster only” when submitting your abstract. If you have no special preference, please select “poster or oral”. Authors will be notified of the method of presentation, which will be decided by the Programme Committee. Accepted abstracts will be published in a supplement to the *Euro-pean Journal of Neurology*, online at the conference website 2 weeks prior to the conference, provided that the Programme Committee considers them suitable for publication.

### How to submit your abstract ...

Abstracts must be submitted online:  
[www.ean.org/paris2020](http://www.ean.org/paris2020)

Please login/register with your EAN user information, go to the Paris Congress website and click on “Submit Abstract”. Alternatively, you can go to the MyEAN user area and click on “Abstract Submission” there.

If you need help, please contact EAN Head Office at [abstracts@ean.org](mailto:abstracts@ean.org). Abstracts cannot be accepted if sent by fax or email.

### Guidelines for Submission

1. The abstract should contain new information, and should be as informative as possible:
  - a state specific object of study
  - b state method used if pertinent
  - c summarise results obtained
  - d state conclusions reached
  - e avoid general statements (e.g. “results will be presented”)
2. Abstracts should be structured with the subheadings: Introduction, Methods, Results, Conclusion.
3. Abstracts must be submitted in English. Standard abbreviations may be used.
4. Abstract length must not exceed 250 words (heading excluded).
5. A maximum of 3 abstracts per presenting author may be submitted.
6. Inclusion in the Scientific Programme and Abstract Volume depends on (punctual) payment of registration fees.

**ALL abstracts will be checked using a plagiarism software.**

## Abstract Topics

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1	Ageing and dementia
2	Autonomic nervous system
3	Cerebrovascular diseases
4	Child neurology/developmental neurology
5	Clinical neurophysiology
6	Cognitive neurology/neuropsychology
7	Critical care
8	Education in neurology
9	Epilepsy
10	Ethics in neurology
11	Headache and pain
12	History of neurology
13	Infectious diseases
14	Motor neurone diseases
15	Movement disorders
16	MS and related disorders
17	Muscle and neuromuscular junction disease
18	Neuroepidemiology
19	Neurogenetics
20	Neuroimaging
21	Neuroimmunology
22	Neurological manifestations of systemic diseases
23	Neurology and arts
24	Neuro-oncology
25	Neuro-ophthalmology/neuro-otology
26	Neurorehabilitation
27	Neurotoxicology/occupational neurology
28	Neurotraumatology
29	Peripheral nerve disorders
30	Sleep disorders
31	Spinal cord and root disorders

**ABSTRACT SUBMISSION  
DEADLINE**  
8 January 2020

**ABSTRACTS MUST  
BE SUBMITTED ONLINE:**  
[ean.org/paris2020](http://ean.org/paris2020)

## Bursaries

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The 6<sup>th</sup> Congress of EAN offers up to 240 bursaries consisting of free registration to the congress and up to four nights of hotel accommodation.

### Eligibility

Eligible are EAN Resident and Research Members. For further information, please check our RRFS membership page at <https://www.ean.org/Resident-and-Research-Member.3802.o.html>.

It is also possible for RRFS members from Algeria, Egypt, Jordan, Lebanon, Libya, Mauretania, Morocco, Nepal, Palestine, Syria and Tunisia as well as from sub-Saharan countries belonging to the HINARI Group A list of countries as established by WHO ([www.who.int/hinari/eligibility/en/](http://www.who.int/hinari/eligibility/en/)) to apply for bursaries.

Because it is our goal to promote neurology across the world, we invite you to join us as a **RESIDENT & RESEARCH MEMBER** no matter which country you come from!

[rrfs@ean.org](mailto:rrfs@ean.org)

### Application

Please indicate your bursary application during abstract submission. Applications for bursaries will only be considered if submitted by the time of the abstract submission deadline. Please keep in mind that only one bursary per abstract will be awarded and the bursary will be awarded to the presenting author.

### Selection

Bursary recipients will be selected on the basis of abstract evaluation by the Programme Committee.

Applicants who have been granted a bursary will be informed before elapse of the early registration fee deadline.

The grant is not transferable and will not be paid off in cash.

### Who can join as a Resident and Research Member?

- Residents/neurologists in training
- Research Fellows
- PhD students in Neurology
- The abovementioned three groups up to a maximum of 3 years beyond their latest degree (MD, PhD) & up to a maximum of 15 years after receiving a license to practice medicine

## Tournament for Neurologists in Training

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A tournament for neurologists in training will take place at the congress. The tournament will be carried out in two groups, one on clinical related research, and one on basic neurological science.

### Participation

Eligible are EAN Resident and Research Members. For further information, please check our EAN RRFS membership package. The participant has to be the first author of the abstract submitted. During abstract submission, candidates must state that they wish to participate in the tournament and select the group (clinical/basic). Applications will be accepted until the abstract submission deadline, 08 January 2020.

### Selection of candidates

The EAN Programme Committee will select 6 candidates for each tournament group based on the contents of the abstracts submitted. The clinical subjects must be received from authors who work in Europe and thus carry out their projects in Europe. For the basic science session, clinical relevance will be weighted.

### Financial Support

Candidates selected for the tournament will receive a bursary consisting of free registration to the congress, up to four nights hotel accommodation, and a travel grant.

### Presentation

Each selected candidate is allotted 10 minutes for presentation of his/her paper plus five minutes for discussion with the jury. In addition, each paper will be presented within the oral session of the respective topic. The winners will present their work during the Plenary Highlight Session on Tuesday morning.

### Jury

Members of the Programme, the Scientific and the Teaching Course Committees.

### Evaluation

Candidates will be judged not only on the scientific value of the work presented, but also on the quality of the oral presentation and the way the candidate responds to the questions of the jury.

### Prize

The winner of each group will receive a prize consisting of: free registration to the 7<sup>th</sup> EAN Congress in Vienna 2021, up to four nights hotel accommodation as well as a travel grant and a certificate. The prizes are not transferable and will not be paid off in cash.

Two runner-up prizes in each tournament will be awarded. They will consist of a certificate and a free registration to the 7<sup>th</sup> EAN Congress in Vienna 2021.

## Investigator Award

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### Investigator Award

All free presentations (oral presentations, ePresentations, ePosters) selected for presentation at the 6<sup>th</sup> EAN Congress 2020 will automatically take part in the selection of an Investigator Award. The award for the 20 best presentations will be a free registration to the 7<sup>th</sup> EAN Congress, a certificate and the winners will be announced on [www.eanpages.org](http://www.eanpages.org). The award will be given to the first author, who needs to be the person to present the work at the congress.

The EAN Scientific Panels together with the Scientific and Programme Committee will be responsible for the evaluation process before as well as during the congress.



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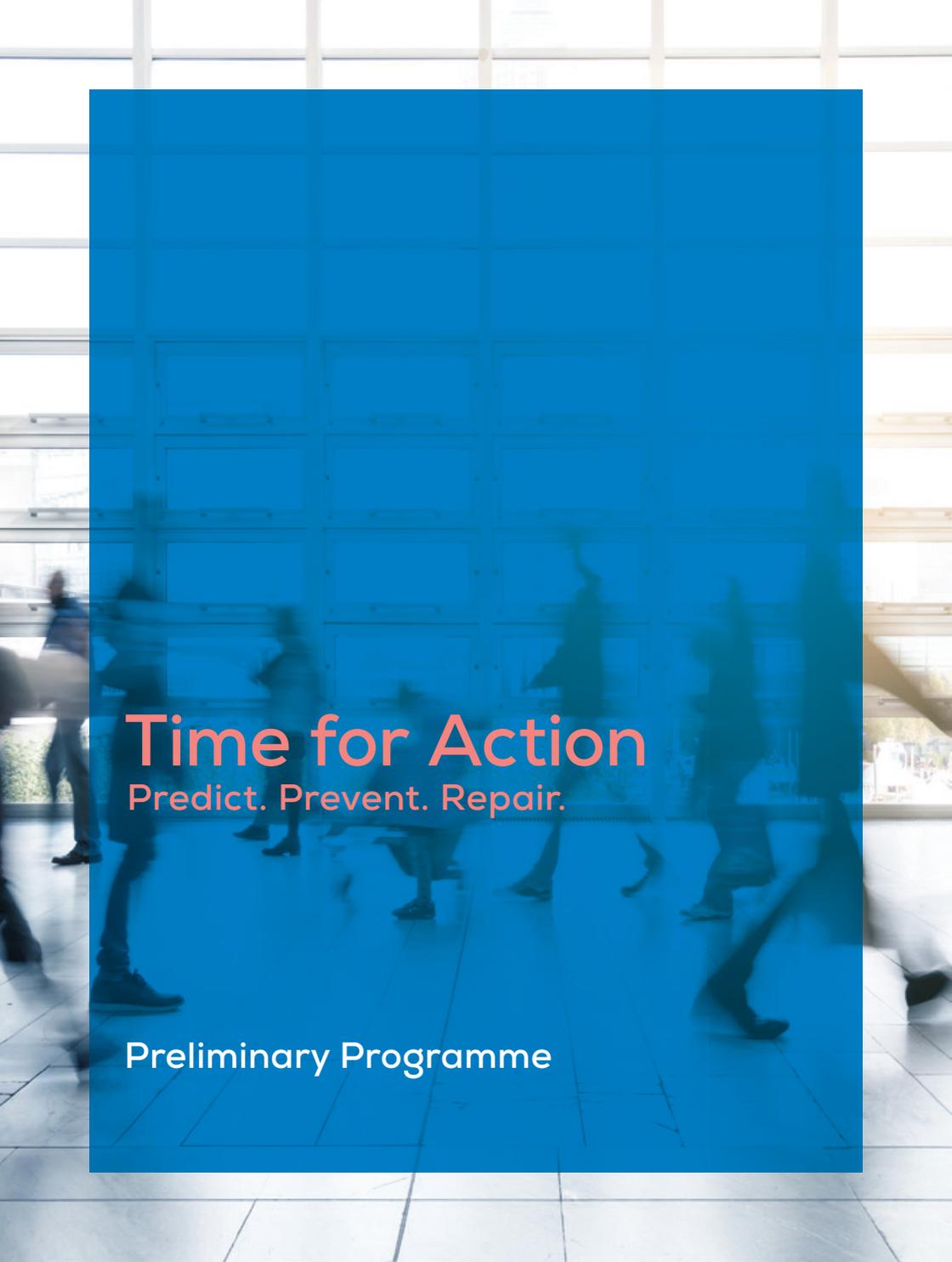
### CARING FOR THE ENVIRONMENT



Green print - Any material for the Congress printed on paper that is PEFC approved. PEFC is an organisation that certifies paper manufacturers who keep to sustainable forest management criteria.



Reducing print - In 2020 no paper programme will be produced. The complete programme can also be found online in the Interactive Programme Planner (IPP) and on our congress app and you can create your individual schedule & abstract book.

The background of the entire page is a blurred photograph of a modern building's interior. It shows a wide, brightly lit space with large windows on the right side. In the foreground and middle ground, several people are walking, their figures blurred to convey a sense of motion and activity. The floor is a light-colored, polished material that reflects the light from the windows. A large, semi-transparent blue rectangle is overlaid on the left and center of the image, serving as a background for the text.

# Time for Action

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Preliminary Programme

## Session Descriptions

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### Scientific sessions

#### SYMP

#### Plenary Symposia

One Plenary Symposium per day is scheduled, with no other session held in parallel. During these four sessions, outstanding speakers will present the Opening lecture, Named Lectures, the most relevant topics within the Overarching congress theme and the highlights of the congress.

#### Symposia

are scheduled on each congress day and will last 2 hours each. Lecturers will give general information on the main topics of the congress.

#### FW

#### Focused Workshops

will be held in the morning and last for 1.5 hours. They cover narrow topics and aim to promote discussion around new ideas, evidence or theories. Ample time for discussion will be provided.

#### SpS

**Special Sessions** cover topics of special interest.

### Educational sessions

#### TC



#### Teaching Courses

are held on each congress day in the afternoon and last for 3 hours (incl. coffee break). They are interactive with opportunity for participants to ask questions. All TCs are aimed primarily at a post-graduate audience.

There are 3 levels of TCs:

Level 1 (Introductory):

For neurologists in training, or those wishing to update their basic knowledge and can also be suitable for undergraduates or general trainees with a particular interest.

Level 2 (standard):

Assumes familiarity with basic clinical knowledge and practice, aimed at specialist trainees or practitioners wishing to update and further develop their knowledge.

Level 3 (advanced):

Aimed at specialist trainees or practitioners covering the latest advances of particular interest to a specialist audience.

#### HoC



#### Hands-on Courses

These Hands-on Courses (HoC) are for a limited number of participants only, with some built-in work in smaller groups who attend parallel by rotating to each presenter of the course. Live demonstrations with screening machines are the core of these courses.



Participation is not included in the registration fee (€35/€25).

For a limited number of participants only (first come-first-served basis).



## Session Descriptions

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CbW



**Case-based Workshops** are to support knowledge and practice in clinical diagnosis and management in a format which requires the attendees to actively participate, with opportunities for direct discussion/contact with leading experts to discuss pre-prepared cases.

CONT

**Controversy Sessions** allow to give a critical overview of the current and most recent advances on key topics, share knowledge, stimulate debate and forge opinions on controversial issues of clinical care, research, educational practice and therapy.

IaS

**Interactive Sessions**  
These sessions are open for all participants. Through an interactive voting system, the opinions of colleagues will be collected.

Please download the congress app to actively participate in the Q&A.

### EAN BrainChallenge

The session will give a platform for interactive learning using quiz questions. Two competing teams, a local team and an international team, will try to win the BrainChallenge by giving the correct answer to a case-presentation.

The audience can silently vote via the EAN congress app, the results will be presented after each case.

Please download the congress app to actively participate in the Quiz.

### Clinical Grand Rounds

In this session, highly experienced neurologists will interview and examine real patients with difficult or complex neurological conditions. They will discuss the clinical diagnosis, request and review all available diagnostic tests and will end by formulating a final diagnosis.



To receive a certificate of attendance, the evaluation of each visited course has to be completed and sent via the congress App or website.

## Saturday, 23 May 2020

Start	End	Session	
08:00	09:30	CbW 1	Continuous EEG in critically ill patients
08:00	09:30	FW 1	Molecular mechanisms for the treatment of hereditary CNS disorders
08:00	09:30	FW 2	Can we protect and repair the brain after stroke?
08:00	09:30	FW 3	EAN/MDS-ES: Axial Symptoms and Cognition in Parkinson's Disease
08:00	09:30	FW 4	EAN/EFAS: Autonomic nervous system and digestive tract: New insights
08:00	09:30	FW 5	Understanding apraxia
08:00	09:30	FW 6	Neuroimaging in dementia: what are the news and what is the perspective?
08:00	09:30	FW 7	Neuronal ceroid lipofuscinosis: focus on innovative treatments
08:00	09:30	HoC 1	EAN/IFCN-EMEAC: Nerve and muscle sonography – Level 2
08:00	09:30	IdS 1	Differential diagnosis in neurological infections
08:00	09:30	SpS 1	The burden of neurological disease in Europe
09:30	10:00		Coffee Break @ exhibition
09:30	10:00	3DS	3-day-Satellite Session
10:00	12:00	SYMP 1	Innovative treatment approaches of inherited neuromuscular disorders
10:00	12:00	SYMP 2	EAN/MDS-ES: Movement disorders in the emergency room
10:00	12:00	SYMP 3	EAN/IFCN-EMEAC: Neurophysiology and non-invasive brain stimulation
10:00	12:00	SYMP 4	Promoting structural repair and functional recovery in multiple sclerosis
12:00	15:00		Lunch Break; ePresentations + ePoster sessions
12:15	14:45	SAT	Satellite Symposia
13:15	13:45	3DS	3-day-Satellite Session
14:45	15:45	HoC 2	EAN/IFCN-EMEAC: Needle EMG – Level 1
15:00	16:30	CbW 2	Neuro-Ophthalmological mimickers
15:00	16:30	SpS 2	Acute neurology
15:00	16:30	SpS 3	MDS-ES: European Basal Ganglia Club
15:00	18:15	OS	Oral Sessions
15:00	18:15	TC 1	Antibodies: from autoimmune encephalitis to demyelinating myelopathies – Level 2
15:00	18:15	TC 2	EAN/EFAS: How to approach disorders of the autonomic nervous system – Level 2
15:00	18:15	TC 3	Neurology by night: how sleep features can improve neurological diagnoses – Level 3
15:00	18:15	TC 4	Diagnostic and prognostic evaluation of early dementia and mild cognitive impairment – L1
16:00	17:00	HoC 3	EAN/IFCN-EMEAC: Transcranial magnetic stimulation – Level 1
16:15	16:45		Coffee Break @ exhibition
16:15	16:45	3DS	3-day-Satellite Session
16:45	18:15	CdS 2	EAN/EAPC: Communication - breaking bad news and discussing the future
16:45	18:15	IdS 2	BrainChallenge
16:45	18:15	SpS 4	Rare diseases
17:15	18:15	HoC 4	EAN/IFCN-EMEAC: Cranial nerve reflex testing – Level 1
18:30		PLEN 1	Opening + Welcome reception

## Sunday, 24 May 2020

Start	End	Session	
08:00	09:30	SpS 5	New Neurological Guidelines
08:00	09:30	CbW 3	EAN/MDS-ES: Diagnosis and management of ataxias
08:00	09:30	FW 8	Prediction, prevention and personalised treatment approaches of neuromuscular disorders
08:00	09:30	FW 9	EAN/AAN: Predict, prevent and repair in CNS tumors
08:00	09:30	FW 10	Large scale brain networks as a readout of cognitive changes and treatment manipulations in PD
08:00	09:30	FW 21	Clinical impact of white matter hyperintensities and microbleeds
08:00	09:30	FW 11	Time is brain in epilepsy management
08:00	09:30	FW 12	Vector-borne neuro-infections
08:00	09:30	FW 13	Fluid and structural disease biomarkers to predict neurodegenerative diseases
08:00	09:30	HoC 5	Nerve block techniques in headache treatment – Level 1
08:00	09:30	laS 3	Challenging stroke patients
09:30	10:00	3DS	3-day-Satellite Session
09:30	10:00		Coffee Break @ exhibition
10:00	12:00	PLEN 2	Presidential Symposium (Brain Prize Lecture and Named Lectures)
12:00	15:00		Lunch Break; ePresentations + ePoster sessions
12:15	14:45	SAT	Satellite Symposia
13:00	14:30		Challenges for women in neurology (Lunch Session)
13:15	13:45	3DS	3-day-Satellite Session
15:00	16:30	SpS 6	Grand Round Session
15:00	16:30	CbW 4	Myasthenia gravis: diagnostic mimics
15:00	16:30	CdS 1	EAN/EFAS: The role of the neurologist in the area of big data
15:00	16:30	laS 4	Is it a stroke or not?
15:00	16:30	T	Tournament Basic
15:00	18:15	TC 5	EAN/MDS-ES: Differential diagnosis and therapy of movement disorders – Level 2
15:00	18:15	TC 6	Preventing critical complications of neurological patients in Intensive Care – Level 2/3
15:00	18:15	TC 7	Pregnancy in neurological disorders – Level 2
15:00	18:15	TC 8	Neuroinfections under risk behaviours – Level 2
15:00	18:15	TC 9	The rapid expansion in diagnostic genetics – Level 3
15:00	18:15	OS	Oral Sessions
16:15	16:45		Coffee Break @ exhibition
16:45	18:15	CONT 1	Pain reserach / Decisions in MS
16:45	18:45	HoC 6	Outcome assessment of neurological disorders with machine learning technologies – Level 2
16:45	18:15	SpS 7	Resident and Research Fellow Section - Unleash your potential with EAN!
16:45	18:15	laS 5	Pragmatic clinical approaches to unusual neuromuscular patients
18:30	20:00	SAT	Satellite Symposia

## Monday, 25 May 2020

Start	End	Session	
08:00	09:30	CbW 5	Neurologic consultant in the ICU
08:00	09:30	FW 14	New insights into vascular cognitive Impairment
08:00	09:30	FW 15	How is intracranial pressure regulated?
08:00	09:30	FW 16	Genetic testing in epilepsy in 2020
08:00	09:30	FW 17	EAN/ECTRIMS: The emerging importance of “other cells“ in multiple sclerosis
08:00	09:30	FW 18	Brain-Computer Interfaces: Communication and rehabilitation
08:00	09:30	FW 19	Emerging neurological complications in treatments of oncology
08:00	09:30	FW 20	Fitness to drive in neurological disorders
08:00	09:30	SpS 8	History of neuroscience
08:00	09:30	SpS 9	Relevance of SEX DIFFERENCES in neurological disorders
08:00	09:30	laS 6	EAN/EFAS: How to manage symptoms of autonomic failure
08:00	10:00	HoC 7	How to diagnose vertigo and ocular motor disorders – Level 2
09:30	10:00	3DS	3-day-Satellite Session
09:30	10:00		Coffee Break @ exhibition
10:00	12:00	PLEN 3	Time for Action: predict. prevent. repair.
12:15	14:45	SAT	Satellite Symposia
12:00	15:00		Lunch Break; ePresentations + ePoster sessions
13:15	13:45	3DS	3-day-Satellite Session
15:00	16:30	CbW 6	Case-based management of the pediatric stroke
15:00	16:30	laS 7	Dystonia – New genes opening the door for new treatment options?
15:00	17:00	HoC 8	Diagnostic methods in neurological sleep medicine – Level 1
15:00	17:00	SYMP 5	Update on acute stroke treatment
15:00	17:00	SYMP 6	EAN/EFAS: Highlights in the expanding arena of autonomic disorders
15:00	18:15	OS	Oral Sessions
15:00	18:15	TC 10	EAN/MDS-ES: State of the art in dystonia pathophysiology and management – Level 3
15:00	18:15	TC 11	Secondary headache disorders – Level 1
15:00	18:15	TC 12	How to handle safety issues in MS treatment – Level 2
15:00	18:15	TC 13	Functional neurological disorders: a reappraisal of the nothingness – Level 2
15:00	18:15	TC 14	Recovery from mild Traumatic Brain Injury and repetitive concussions – Level 3
16:15	16:45		Coffee Break @ exhibition
16:15	16:45	3DS	3-day-Satellite Session
16:45	18:15	T	Tournament Clinical
16:45	18:15	CONT 2	Genetics in familial and sporadic ALS. Performing genetic testing or not.
18:30	20:00	SAT	Satellite Symposia

## Tuesday, 26 May 2020

Start	End	Session	
08:00	10:00	HoC 9	EAN/ESNCH: Advanced hands-on course Neurosonology – Level 2
08:00	10:00	SYMP 7	Epilepsy – what to do with a pharmaco-resistant patient?
08:00	10:00	SYMP 8	Non-Alzheimer pathology in the elderly: what to do?
08:30	10:00	CbW 7	Look into the eyes and find the gene
08:30	10:00	laS 8	Hot topics in neuro-ophthalmology
08:30	10:00	OS	Oral Sessions
08:30	10:00	SpS 10	EAN/AFAN: Stroke management – What Africa can tell us
10:00	10:30		Coffee Break @ exhibition
10:30	12:30	PLEN 4	Highlights and Breaking News
12:30	13:30		Lunch Break
13:00	14:30	CbW 8	Practical guidelines to assess MRI lesions that are typical or atypical for multiple sclerosis
13:00	14:30	CdS 3	Basic statistics for neurologists
13:00	16:30	TC 15	Inherited neuropathies: from genetic diagnosis to management – Level 2
13:00	16:30	TC 16	Integrative treatment of idiopathic headache disorders – Level 3
13:00	16:30	TC 17	Early diagnosis of and prevention in complications of muscle disorders – Level 1
13:00	16:30	TC 18	Rare cerebrovascular conditions – Level 2
14:30	15:00		Coffee Break near session rooms

<b>3DS</b>	3-Day Satellite Session
<b>CbW</b>	Case-based Workshop
<b>CdS</b>	Career development Session
<b>CONT</b>	Controversy
<b>HoC</b>	Hands-on Course
<b>laS</b>	Interactive Session
<b>TC</b>	Teaching Course

<b>SAT</b>	Satellite Symposium
<b>FW</b>	Focused Workshop
<b>OS</b>	Oral Session
<b>PLEN</b>	Plenary Symposium
<b>SpS</b>	Special Session
<b>SYMP</b>	Symposium
<b>T</b>	Tournament

## Presidential Symposium

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### Named Lectures

The Named Lectures are held by active basic and clinical scientists in the steps of former great European neurologists. The EAN Board and the Programme Committee select the award winners out of the candidates nominated by all committee members and the chairs of the Scientific Panels. To be awarded with a Named Lecture is the highest scientific honor of EAN.

#### Charles Édouard Brown-Séquard Lecture

is to recognize and honor an outstanding and commendable basic or clinical neuroscientist with major contributions in the fields of systems neuroscience.

*Steven Laureys, Liege, Belgium*

*Coma & chronic disorders of consciousness:  
in need of better neurological understanding & care*

#### Moritz Romberg Lecture

is to recognize and honour an outstanding, influential and exemplary clinician in neurology.

*Giorgio Cruccu, Rome, Italy*

*Pain and neurologists: never too late*

#### The Brain Prize Lecture

This lecture is to promote “Excellence in Neurology” by disseminating highly original and influential advances in neuroscience as recognized by the Brain Prize. This is a personal research prize awarded annually by the Lundbeck Foundation and the EAN Board selects the Brain Prize lecturer from the past Brain Prize winners.

*Marie-Germaine Bousser, Paris, France*

*Winner of the Brain Prize 2019*

*CADASIL: yesterday and today*

## Overarching Theme

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# Time for Action

## Predict. Prevent. Repair.

Saturday, 23 May 2020  
08:00 – 09:30  
Focused Workshop 2

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### Can we protect and repair the brain after stroke?

**Chairpersons**  
*Andrew Demchuk*  
*Calgary, Canada*

*Ulrich Dirnagl*  
*Berlin, Germany*

- Renaissance of neuroprotection in the era of recanalization  
*Andrew Demchuk*  
*Calgary, Canada*
- Will there ever be a mechanism to repair the brain after stroke?  
*Ulrich Dirnagl*  
*Berlin, Germany*
- How can we protect the brain from secondary brain damage after ICH?  
*Rustam Al-Shahi Salman*  
*Edinburgh, United Kingdom*

Sunday, 24 May 2020  
08:00 – 09:30  
Focused Workshop 11

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### Time is brain in epilepsy management

**Chairpersons**  
*Eugen Trinka*  
*Salzburg, Austria*

*Rima Nabbut*  
*Paris, France*

- Status epilepticus: time critical management  
*Eugen Trinka*  
*Salzburg, Austria*
- Epilepsy: impact of diagnostic and treatment delay  
*Rima Nabbut*  
*Paris, France*
- Auto-immune epilepsy: delay, diagnosis and treatment challenges  
*Sarosh Irani*  
*Oxford, United Kingdom*

## Overarching Theme

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Monday, 25 May 2020

10:00 – 12:00

Plenary Symposium 3

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### Time for action: Predict. Prevent. Repair.

Chairpersons

*Peter Rothwell*

*Oxford, United Kingdom*

*Catherine Lubetzki*

*Paris, France*

- Risk prediction and precision medicine in stroke prevention  
*Peter Rothwell*  
*Oxford, United Kingdom*
- Preventing disability progression in multiple sclerosis: from basic science to clinical care  
*Catherine Lubetzki*  
*Paris, France*
- Epilepsy Surgery:  
Timing and preventing adverse outcome  
*Margitta Seeck*  
*Geneva, Switzerland*
- Halting neurodegeneration and repair in Huntington's disease: recent developments and insights for other neurodegenerative diseases  
*Bernhard Landwehrmeyer*  
*Ulm, Germany*

Saturday, 23 May 2020

15:00 – 18:15

Teaching Course 3

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### Neurology by night: how sleep features can improve detection, prevention and potentially repair of neurological diagnoses – Level 3

Chairperson

*Stine Knudsen-Heier*

*Oslo, Norway*

- Phenotyping parasomnias for early prediction of neurodegenerative disorders  
*Stine Knudsen-Heier*  
*Oslo, Norway*
- Sleep disorder breathing in neurovascular disorders – primary and secondary stroke prevention  
*Ulf Kallweit*  
*Witten, Germany*
- Excessive daytime sleepiness (EDS) and daytime falls – what is what?  
*Fabio Pizza*  
*Bologna, Italy*
- Repairing the brain during sleep: sleep-related features of cerebral amyloid accumulation disorders  
*Rolf Fronczek*  
*Leiden, The Netherlands*

## Overarching Theme

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Sunday, 24 May 2020  
15:00 – 18:15  
Teaching Course 6

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### Preventing critical complications of neurological patients in intensive care – Level 2/3

#### Chairperson

*Maxwell Damian*  
*Cambridge, United Kingdom*

- Preventing cerebral herniation: how do I treat the patient with rising intracranial pressure  
*Stefan Schwab*  
*Erlangen, Germany*
- Preventing secondary brain injury after subarachnoid haemorrhage: controlling cerebral hemodynamics  
*Raimund Helbok*  
*Innsbruck, Austria*
- Preventing critical complications in severe neuromuscular disease  
*Maxwell Damian*  
*Cambridge, United Kingdom*
- Preventing undertreatment or over-treatment in survivors of coma  
*Karin Diserens*  
*Lausanne, Switzerland*

Tuesday, 26 May 2020  
13:00 – 16:30  
Teaching Course 17

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### Early diagnosis of and prevention in complications of muscle disorders – Level 1

#### Chairpersons

*Benedikt Schoser*  
*Munich, Germany*

- Antonio Toscano*  
*Messina, Italy*
- “Gestalt” approach to myopathies  
*Benedikt Schoser*  
*Munich, Germany*
- Prevention of muscle disorders and of their complications  
*Antonio Toscano*  
*Messina, Italy*
- Novel gene analysis approaches to neuromuscular diseases – how to diagnose in 2020?  
*Maria Judit Molnar*  
*Budapest, Hungary*
- Antibody-mediated hyperexcitability syndromes  
*Kristl Claeys*  
*Leuven, Belgium*

# ON OUR SHORES, THE OBVIOUS NEEDS DEEPER EXPLORATION.

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TOGETHER.

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Great Minds.



## Symposia

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Saturday, 23 May 2020

10:00 – 12:00

### Symposium 1

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#### Innovative treatment approaches of inherited neuromuscular disorders

##### Chairperson

*Maria Judit Molnar*  
Budapest, Hungary

- Gene therapeutic approaches of neuromuscular disorders  
*Theresinha Evangelista*  
Paris, France
- The evolving landscape of RNA-based therapies  
*Giuseppe Vita*  
Messina, Italy
- Towards a better understanding of enzyme replacement therapies  
*Mark Roberts*  
Manchester, United Kingdom
- The role of small molecule approaches treating inherited neuromuscular disorders  
*Maria Judit Molnar*  
Budapest, Hungary

Saturday, 23 May 2020

10:00 – 12:00

### Symposium 2

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#### EAN/MDS-ES: Movement disorders in the emergency room

##### Chairperson

*Mark J. Edwards*  
London, United Kingdom

- Movement disorders in congenital and acquired metabolic diseases  
*Miryam Carecchio*  
Padua, Italy
- How to recognize an acute functional movement disorder  
*Mark J. Edwards*  
London, United Kingdom
- Movement disorders in autoimmune encephalitides  
*Maria Stamelou*  
Athens, Greece
- Drug-induced movement disorders  
*Timothy Lynch*  
Dublin, Ireland

## Symposia

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Saturday, 23 May 2020

10:00 – 12:00

Symposium 3

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### EAN/IFCN-EMEAC: Neurophysiology and non-invasive brain stimulation (NIBS)

**Chairperson**

*Walter Paulus  
Göttingen, Germany*

- Entrainment of brain function: bridging transcranial electric and magnetic stimulation  
*Walter Paulus  
Göttingen, Germany*
- NIBS in neuropathic pain syndromes  
*Jean Pascal Lefaucheur  
Créteil, France*
- Brain-state-dependent NIBS: a new era for treating disordered brain networks  
*Ulf Ziemann  
Tübingen, Germany*
- The safety of NIBS and its uses in neuropsychiatry  
*Simone Rossi  
Siena, Italy*

Saturday, 23 May 2020

10:00 – 12:00

Symposium 4

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### Promoting structural repair and functional recovery in multiple sclerosis

**Chairpersons**

*Hans-Peter Hartung  
Düsseldorf, Germany*

- *Catherine Lubetzki  
Paris, France*
- Pathophysiological basis of functional recovery  
*Diego Centonze  
Rome, Italy*
- Imaging methods to evaluate remyelination and neuroprotection  
*Benedetta Bodini  
Paris, France*
- Ongoing and future therapeutic strategies  
*Hans-Peter Hartung  
Düsseldorf, Germany*
- Stem cells therapy  
*Gianvito Martino  
Milan, Italy*

## Symposia

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Monday, 25 May 2020  
15:00 – 17:00  
**Symposium 5**

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### Update on acute stroke treatment

#### Chairpersons

*Valeria Caso*  
*Perugia, Italy*

*Carlos Molina*  
*Barcelona, Spain*

- Intravenous thrombolysis: Evidence for on- and off-label treatment  
*Götz Thomalla*  
*Hamburg, Germany*
- Endovascular stroke treatment beyond guidelines  
*Carlos Molina*  
*Barcelona, Spain*
- ICH management: the targets beyond hematoma expansion  
*Laurent Puy*  
*Lille, France*
- Restarting antithrombotic agents after stroke and ICH  
*Valeria Caso*  
*Perugia, Italy*

Monday, 25 May 2020  
15:00 – 17:00  
**Symposium 6**

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### EAN/EFAS: Highlights in the expanding arena of autonomic disorders

#### Chairperson

*Gregor K. Wenning*  
*Innsbruck, Austria*

- Disease modification in multisystem atrophy (MSA): what's in the pipeline?  
*Gregor K. Wenning*  
*Innsbruck, Austria*
- Ictal autonomic changes to predict and prevent SUDEP  
*Roland Thijs*  
*Leiden, The Netherlands*
- Clinical implications of autonomic nervous system dysfunction in multiple sclerosis  
*Mario Habek*  
*Zagreb, Croatia*
- Relevance of autonomic space medicine for daily clinical neurology  
*Jens Jordan*  
*Cologne, Germany*

## Symposia

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Tuesday, 26 May 2020  
08:00 – 10:00  
Symposium 7

### Epilepsy – what to do with a pharmacoresistant patient?

**Chairperson**  
*Ivan Rektor*  
*Brno, Czech Republic*

- Antiepileptic drug treatment for refractory epilepsy: the who, when, and how  
*Sylvain Rheims*  
*Lyon, France*
- Epilepsy surgery: the who, when, and how  
*Kristina Malmgren*  
*Mölnadal, Sweden*
- Neurostimulation: the who, when, and how  
*Ivan Rektor*  
*Brno, Czech Republic*
- On-demand treatment of seizures  
*Andreas Schulze-Bonhage*  
*Freiburg, Germany*

Tuesday, 26 May 2020  
08:00 – 10:00  
Symposium 8

### Non-Alzheimer pathology in the elderly: what to do?

**Chairpersons**  
*Flavio M. Nobili*  
*Genoa, Italy*

- Philip Scheltens*  
*Amsterdam, The Netherlands*
- The concept of Suspected non-Alzheimer Disease Pathophysiology (SNAP) in 2020: does it still survive?  
*Philip Scheltens*  
*Amsterdam, The Netherlands*
  - Primary age-related tauopathy: are we able to intercept it?  
*Irina Alafuzoff*  
*Uppsala, Sweden*
  - Limbic-predominant age-related TDP-43 encephalopathy  
*Gabor Kovacs*  
*Vienna, Austria*
  - Cerebral amyloid angiopathy  
*Dietmar Thal*  
*Leuven, Belgium*

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### Application procedure:

If you wish to become an Individual Member of EAN, please fill in the online application form and submit your current CV and other necessary supporting documents in English to [membership@ean.org](mailto:membership@ean.org).

## Resident and Research Fellow Section

RRFS represents the junior generation of neurologists within EAN. Its members are physicians currently working as a resident in Neurology, research fellow, PhD student or neurologist with up to a maximum of 3 years beyond their latest degree (MD, PhD) & up to a maximum of 15 years after receiving a license to practice medicine.

The aims of RRFS are to support neurology trainees in their clinical training or research, to promote network between European junior neurologists and different generations of neurologists.

