ean congress

8th Congress of the European Academy of Neurology

Europe 2022

June 25 – 28 Vienna, Austria



use 10EUROPE for 10% OFF*

Getting evidence into practice

Abstract submission deadline 12 January 2022 Early registration deadline 27 April 2022 www.ean.org/congress2022



Preliminary Programme and Call for Abstracts

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ABSTRACT SUBMISSION DEADLINE
12 January 2022

EARLY REGISTRATION DEADLINE 27 April 2022

ABSTRACTS MUST BE SUBMITTED ONLINE: www.ean.org/congress2022

Organised by

European Academy

of Neurology EAN Head Office Breite Gasse 4/7 1070 Vienna, Austria T +43 1 889 05 03 F +43 1 889 05 03 13 headoffice@ean.org www.ean.org/congress2022



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*) Enter the code 10EUROPE for 10% off the registration fee. Promotion valid until: 20.01.2022 All information included in this booklet is subject to changes. 4 ABOUT VIENNA 5



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Welcome to Europe 2022!

Dear Colleagues and Friends,

We are delighted to welcome you back to the historic city of Vienna for the 8th Congress of the European Academy of Neurology (EAN), which will take place on June 25 to 28, 2022!

Our ambition is that the 8th EAN Congress will be a truly pan-European meeting, in a fact the premier meeting of 2022, bringing together neurologists and neuro-scientists to network and to exchange knowledge to tackle major challenges in neurology. In previous years EAN congresses have highlighted the developments in the host nation, but in 2022, following virtual congresses in 2020 and 2021, we will break with that tradition. We have planned a meeting with a pan-European flavor, celebrating the opportunity to meet once more in person in a hybrid meeting that will also maximise virtual participation, building on our experience in 2020 and 2021.

The overarching theme of the 2022 EAN congress is "Getting Evidence Into Practice". Topics will include: Which clinical trial designs best inform practice? What evidence informs the use of diagnostic tests? Are guidelines a useful tool for improving outcomes? How do we get guidelines applied and implemented? These questions are timely and relevant, and we are excited to hear from selected experts from neurology and other disciplines. As with every year, leading specialists will share the most recent state-of-the-art studies and the newest developments in neurology, and we invite all participants ask questions in the live Q&A sessions.

Participation in EAN congresses continues to grow, making it a world leading congress, and as the EAN Head Office calls Vienna its home, we are glad to bring congress back to this vibrant city!

On behalf of the EAN Board, we invite you to join us in Vienna in 2022 and extend you our warmest welcome.

We look forward to seeing you in Vienna!

Claudio Bassetti President of the European Academy of Neurology Tony Marson Chairperson Programme Committee 8 COMMITTEES REGISTRATION 9

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Committees

EAN Board

Claudio Bassetti, Switzerland President

Paul A. J. M. Boon, Belgium President elect

Franz Fazekas, Austria Past President

Elena Moro, France Secretary General

Marie José Vidailhet, France Treasurer

Dafin Fior Muresanu, Romania Chair Communication Committee

Riccardo Soffietti, Italy Chair Education Committee

Tony Marson, United Kingdom Chair Programme Committee

Thomas Berger, Austria Chair Scientific Committee

Matthias Endres, Germany Member at Large

Programme Committee

Tony Marson, United Kingdom, Chair

Thomas Berger, Austria, Chair Scientific Committee

Laszlo Csiba, Hungary

Stefan Evers, Germany

Urs Fischer, Switzerland

Sten Fredrikson, Sweden

Dan Healy, Ireland

Ulf Kallweit, Germany

Caroline Pot-Kreis, Switzerland

Antonio Toscano, Italy

Riccardo Soffietti, Italy (Chair Education Committee)

Irena Rektorova, Czech Republic

(Chair Teaching Course Sub-Committee)

Walter Struhal, Austria

(Ethics & Quality TF representative)

Salimata Gassama, France (RRFS representative)

Pille Taba, Estonia (MDS-ES representative)

Teaching Course Sub-Committee

Irena Rektorova, Czech Republic, Chair

Celia Oreja-Guevara, Spain Davide Pareyson, Italy

Erich Schmutzhard, Austria

Ambra Stefani, Austria

Roland Wiest, Switzerland

David García Azorín, Spain (RRFS representative)

Cristian Falup Pecurariu, Romania

(MDS-ES representative)

Maria Stamelou, Greece

(Ethics & Quality TF representative)

Registration

To register for the congress, please log in on 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 "Register Now" button in the slider on top of the page OR go to MyEAN and click on the tab "EAN Events".

In the registration area you will be able to register to the congress as individual or a group.

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 **31 May 2022** can benefit from the congress fee for members and one free educational course. Everyone who applies for membership after 31 May 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. If you have any queries regarding congress registration, please contact registration@ean.org.

The registration fee for participants includes:

Onsite participation:

- · Access to all scientific sessions
- Access to interactive, Career development, Controversy sessions and Teaching Courses
- Opening networking reception
- Access to industrial exhibition and industry sponsored programme
- Session webcasts on demand after the congress
- Congress on-demand + live virtual
- Earphones for Poster Sessions and Scientific Theatre
- · Coffee breaks & lunch

Virtual interactive:

- · Access to all scientific sessions
- Access to interactive, Career development, Controversy sessions, Teaching Courses
- Access to industrial exhibition and industry sponsored programme
- Session webcasts on-demand after the congress

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Registration Fees

	by April 27	as from April 28	virtual interactive
Non-member (high income) *	€ 834	€ 936	€ 150
Non-member (low/middle income) *	€ 384	€ 402	€ 30
Associate Member (high income) * 2)	€ 678	€ 810	€ 100
Associate Member (low/middle income) * 3)	€ 384	€ 402	€30
Fellow of EAN, Full Member, Corresponding Member (high income) * 1)	€ 492	€ 636	Membership ** Benefit
Fellow of EAN, Full Member, Corresponding Member (low/middle) * 1)	€ 384	€402	Membership ** Benefit
Resident and Research Member 1) 5)	€ 384	€402	Membership ** Benefit
ent Member ¹¹5) € 90		€120	Membership ** Benefit
Corresponding Institutional Member 4)	€ 384	€ 402	€ 30
Hinari group A and B 6)	€ 384	€ 402	€30
Day cards (for Austrian citizens only) 7)	€ 402	€ 402	_
Group registration p.P. ⁸⁾	€ 834	€ 936	€ 150
Subspecialty Track - Sleep/Wake disorders 9)	€ 150	€ 150	_

Additional sessions

Hands-on-Courses and Case-based Workshops

EAN is charging a processing fee of € 50, – incl. 20% Austrian VAT for any changes. All cancellations need to be requested via change request through your MyEAN profile and will be handled after the congress.

The entire terms and conditions for individual registrations can be found on our website ean.org/congress2022 under Register and Terms & Conditions.

Save 10% on the registration fee with the discount code 10EUROPE!

Virtual Congress Platform

In 2022, EAN brings the congress to you! The EAN Virtual Meeting Platform is the heart of the virtual congress. On www.eanvirtualcongress.com, you will find the complete congress programme including the interactive programme planner, all livestreams, interactive sessions and the ePoster area. Additionally, you can find the exhibition area including industry sponsored content and society booths.

Congress Programme plus livestreams

The full EAN Congress Programme including scientific and educational sessions will be livestreamed during the announced timeslots. See programme overview on page 22-25. With our interactive programme planner you will be able to create your individual session overview which you can also download to your calendar. The platform also gives access to the webcasts of the previous congress years during the congress.

Join us at the virtual EAN Booth

At the Virtual EAN Congress Booth, you will be able to connect with EAN Staff for all questions related to the different parts of EAN. There will be dedicated hours for live chats and O&A. More detailed information will be published on the EAN Congress website.

ePoster area

In the ePoster Area, all accepted ePosters and ePresentations are presented and participants can contact the authors if any questions arise!

Virtual Exhibition

Find the latest pharmaceutical insights, meet with industry representatives via videochat or join "Meet the Expert" Sessions in our sponsor's Industry Network Areas at the EAN Congress 2022 from anywhere in the world.

EAN TV

This year EAN will again provide highlights, wrap-ups and entertainment via its EAN TV channel. Grab your morning coffee and find out about the highlights of the day or watch interesting talks and discussions within the field of Neurology. You can definitely expect not only entertainment but also valuable information on this channel.



All prices include 20% Austrian VAT.

Based on World Bank income level country listings. For the high-income category, World Bank High Income lists apply All other World Bank income listings fall under low/middle income category for EAN membership and congress registration fees. For all World Bank country listings by income level see: https://data.world

¹⁾ Only valid, if you have submitted your complete membership application before 31 May 2022.

²⁾ Associate Members (high income) from national neurological societies from: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Luxemburg, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, The Netherlands, United Kingdom.

³⁹ Associate Members (lower-middle/upper-middle income) from national neurological societies from: Albania, Armenia, Azerbaijan, Belarus, Bosnia & Herzegovina, Bulgaria, Croatia, North Macedonia, Georgia, Kazakhstan, Kosovo, Kyrgyz Republic, Moldova, Montenegro, Romania, Russian Federation, Serbia, Turkey, Ukraine, Uzbekistan.

 ⁴ Participants from Algeria, Egypt, Jordan, Lebanon, Libya, Mauritania, Morocco, Nepal, Palestine, Syria, Tunisia.
 ⁵ 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.o.html). Complete application before 31 May 2022 is required.

⁶⁾ Neurologists from countries belonging to the HINARI Group A and B list of countries as established by WHO www.who.int/hinari/eligibility/en/ may apply.

⁷⁾ Will be available for purchase starting in March 2022.

⁸⁾ This price is valid for individual group members if you buy a group quota. If group members have a MyEAN account at time of registration, membership fees may apply.

⁹⁾ Only available for onsite participation

[&]quot;) free of charge for EAN individual members





Ean NEuro-covid ReGistrY (ENERGY)

The European Academy of Neurology has set up a global registry to shed light on the burden and general characteristics of neurological complications related to COVID-19 outbreak and the association of these complications with the demographic and clinical features of the affected individuals.

The Ean NEuro-covid ReGistry (ENERGY) has already had interest from hundreds of sites across the globe and has agreed on data sharing with several existing national and international multicentre COVID-19 studies around the world.



Representatives from clinical sites are welcome to collaborate and can request information on accessing the site by scanning the QR-Code below.





General Information

COVID-19 Safety Measures

According to the COVID developments during the congress, the organizer will apply safety measures in alignment with the regulations set by the Austrian Government.

CME Accreditation

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

Exhibition

An extensive exhibition will be held concurrently with the congress. Further information is available on the congress website www.ean.org/congress2022.

Insurance & Liability

The congress organisers cannot accept liability for personal accidents or loss of or damage to private property of participants, either during or indirectly arising from the 8th Congress of the European Academy of Neurology. It is recommended that all participants purchase personal travel insurance for their trip.

Congress Website

ww.ean.org/congress2022

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.

Onsite Interaction –

Your mobile device is required!

It is very important to bring your own smartphone with you at the Congress. Pollings, Evaluation and Q&A etc. will require your smartphone as well as a working Internet connection. 14 CALL FOR ABSTRACTS 15

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Call for Abstracts

The Programme Committee welcomes the submission of abstracts on any neurological topic (see page next). 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 "eposter 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

European Journal of Neurology, online at the conference website **Friday 24 June 2022 at 18:30 CEST** prior to the conference (provided that the Programme Committee considers them suitable for publication).

For this year's congress, EAN is offering a new presentation type:

ePoster Virtual

ePoster Virtual are 2-minute narrated PDF posters that will be available to all congress delegates via the Virtual Congress Platform. With this new option as a development of our hybrid congress, we are allowing presenters the platform to share their studies with the EAN community.

How to submit your abstract ...
Abstracts must be submitted via your
MyEAN profile. Please login/register with
your MyEAN user information, go to the

MyEAN User Area and click on the tab "Abstract Submission".

If you need help, please contact EAN Head Office at abstracts@ean.org.

Abstracts cannot be submitted if sent by fax or email.

Guidelines for Submission

- 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")
- 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.
- 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

1	Ageing and dementia					
2	Autonomic nervous system diseases					
3	Cerebrovascular diseases					
4	Child neurology/developmental neurology					
5	Clinical neurophysiology					
6	Cognitive neurology/neuropsychology					
7	Coma and chronic disorders of consciousness					
8	COVID-19					
9	Education in neurology					
10	Epilepsy					
11	Ethics in neurology					
12	Headache					
13	Higher cortical functions					
14	History of neurology					
15	Infectious diseases					
16	Motor neurone diseases					
17	Movement disorders					
18	MS and related disorders					
19	Muscle and neuromuscular junction disease					
20	Neuro-oncology					
21	Neuro-ophthalmology/ neuro-otology					
22	Neurocritical care					
23	Neuroepidemiology					
24	Neurogenetics					
25	Neuroimaging					
26	Neuroimmunology					
27	Neuroinformatics					
28	Neurological manifestation of systemic diseases					
29	Neurology and arts					
30	Neuropathies					
31	Neurorehabilitation					
32	Neurosonology					
33	Neurotoxicology/occupational neurology					
34	Neurotraumatology					
35	Pain					
36	Palliative care					
37	Peripheral nerve disorders					
38	Sleep-Wake disorders					
39	Spinal cord and root disorders					

ABSTRACT SUBMISSION
DEADLINE
12 January 2022

ABSTRACTS MUST
BE SUBMITTED ONLINE:
www.ean.org/congress2022

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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

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.

The 8th 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 Membersfrom EAN member countries. For further information, please check our RRFS membership page https://www.ean.org/rrfs.

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) to apply for bursaries.

Application

Please indicate your bursary application during abstract submission. Applications

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 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 above mentioned 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

A tournament for neurologists in training will take place. 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, 12 January 2022.

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.

Presentation

Each selected candidate is allotted 10 minutes for presentation of his/her paper plus 5 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 9th EAN Congress Budapest 2023, 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 9th EAN Congress Budapest 2023.

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Investigator Award

Investigator Award

All free presentations (oral presentations, ePresentations, ePosters) selected for presentation at the 8th EAN Congress Europe 2022 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 9th EAN Congress Budapest 2023, a certificate and the winners will be announced on 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 Committees will be responsible for the evaluation process before as well as during the congress.



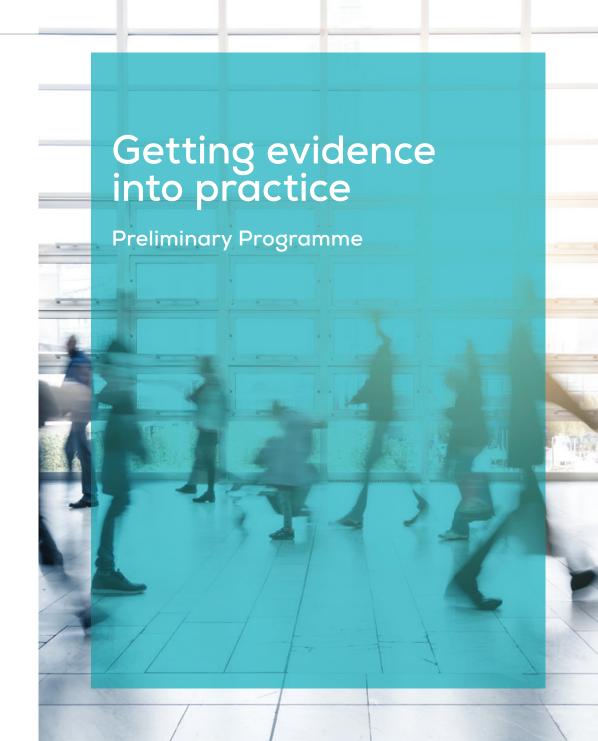
CARING FOR THE ENVIRONMENT



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 2022 no paper programme will be produced. The complete programme can also be found online in the Interactive Programme Planner on www.eanvirtualcongress.com where you can create your individual schedule & abstract book.



SESSION DESCRIPTIONS 21 20

ean Europe 2022

Session Descriptions

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

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 postgraduate 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 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.

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 the presented cases. These workshops are for a limited number of participants only.

€

Participation is not included in the registration fee. For a limited number of participants only (first-come-first-serve basis)

Controversy Sessions

Session Descriptions

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.

Interactive Sessions

These sessions are based on case presentations including interactive voting via the polling system of the virtual congress platform.

The opinions of colleagues will be collected and integrated in the live summary.

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.

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 the case-presentations. The audience can silently vote via the virtual congress plat-

form, when logging into the session. Results will be presented after each case.

ONSITE INTERACTION -YOUR MOBILE DEVICE IS REQUIRED!

It is very important to bring your own smartphone with you at the Congress. Pollings, Evaluation and Q&A etc. will require your smartphone as well as a





To receive a certificate of attendance. the evaluation of each visited course has to be completed and sent via the ean Virtual Congress Platform.

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Saturday, 25 June 2022

Start	End	Session	
08:00	09:00	HoC 1	Needle EMG and jitter analysis. (L2)
08:00	09:30	CbW 1	"VISION LOSS": a very frequent cause of admission in neuro-ophthalmology clinics.
08:00	09:30	FW1	Hyperkinetic movement disorders in children and young adults – not to be missed.
08:00	09:30	FW 2	How do we ensure the timely generation of evidence that will improve lives and reduce burden?
08:00	09:30	FW3	Issues in the follow-up of glioma.
08:00	09:30	FW 4	The role of clinical neurophysiology in the instrumental assessment and potential treatment of neurodegenerative disases with cognitive impairment.
08:00	09:30	FW 5	Rare causes of stroke
08:00	09:30	FW 6	How to confirm a diagnosis of possible mitochondrial disease. An evidence-based approach.
08:00	09:30	FW7	Translating the A/T/N system into clinical practice.
08:00	09:30	laS1	Excellent epilepsy care starts in the emergency department.
09:30	10:00	3DS	3-day-Sat.Session
10:00	12:00	SYMP1	Early detection and treatment of Parkinson's disease.
10:00	12:00	SYMP 2	Scientific advances for immediate transition into clinical practice in multiple sclerosis.
10:00	12:00	SYMP 3	Getting evidence into practice in the management of epilepsies.
10:00	12:00	SYMP 4	${\tt EAN/EANOsymposium"gettingevidenceintopractice:biomarkersforthemanag.ofcnstumors".}$
12:15	13:15	SAT	Satellite Symposium
13:15	13:45	3DS	3-day-Sat.Session
13:45	14:45	SAT	Satellite Symposium
15:00	16:30	SpS 1	MDS-ES European Basal Ganglia Club
15:00	16:30	HoC 2	The clinical relevance of the neurophysiological study of reflexes. (L1)
15:00	16:30	CbW 2	To act or not to act on neuroimaging: "leave-me-alone" versus clinically relevant findings.
15:00	16:30	os	Oral Session
15:00	16:30	SpS 2	EAN Advocacy
15:00	16:30	SpS 3	RRFS
15:00	16:30	os	Oral Session
15:00	16:30	SYMPTO	Topical Symposium
15:00	18:15	TC 1	Tumor-like MRI lesions: Interdiciplinary management. (L1)
15:00	18:15	TC 2	Diagnosis and treatment of autonomic dysfunction. (L1)
15:00	18:15	тс з	Differential diagnosis and management approach to Transient Ischemic Attacks (TIA). (L2)
15:00	18:15	TC 4	Antibodies: from autoimmune encephalitis to demyelinating myelopathies. (L2)
16:15	16:45	3DS	3-day-Sat.Session
16:45	17:45	НоС З	Non-invasive brain stimulation: RTMS and TDCS. (L2)
16:45	18:15	laS 2	Brain Challenge
16:45	18:15	CbW 3	Management of insomnia in patients with neurological disorders.
16:45	18:15	os	Oral Session
18:30	20:00	PLEN 1	Opening

Sunday, 26 June 2022

Start	End	Session	
08:00		SpS 4	New Neurological Guidelines
	09:30	FW 8	Application of artificial intelligence to MRI in Multiple Sclerosis.
08:00	09:30		
08:00	09:30	FW 9	Recent advances in surgical treatment of movement disorders.
08:00	09:30	FW 10	The challenge of neuroinfection continues, even more in in post-COVID times.
08:00	09:30	FW 11	Implementing evidence: What have we learned and what must we do better?
08:00	09:30	FW 12	Brain death, cardiac death and organ donation: What the neurologist should know.
08:00	09:30	FW 13	The role of real-world evidence data in therapeutic decisions- Joint session with WMS.
08:00	09:30	HoC 4	Novel headache treatments. (L1)
08:00	09:30	laS 3	Are guidelines sufficient in the management of acute neurological emergencies?
08:00	09:30	CbW 4	An evidence-based practice approach to neurogenetics.
08:00	09:30	CdS 1	Basic statistics for neurologists.
08:00	09:30	laS 8	Movements during sleep: from normality to disease.
09:30	10:00	3DS	3-day-Sat.Session
10:00	12:00	PLEN 2	Presidential Symposium (Named Lectures and Brain Prize Lecture)
10:00	12:00	SYMP 9	The burden of sleep disorders in neurology.
12:15	13:15	SAT	Satellite Symposium
13:15	13:45	3DS	3-day-Sat.Session
13:45	14:45	SAT	Satellite Symposium
15:00	16:00	os	Oral Sessions
15:00	16:00	HoC 5	Performing single and paired-pulse TMS tests single-handedly. (L2)
15:00	16:30	laS 4	How to assess a patient with a movement disorder?
15:00	16:30	CbW 5	Management of suspected MS with red flags.
15:00	16:30	SYMPTO	Topical Symposium
16:15	16:45	3DS	3-day-Sat.Session
15:00	18:15	TC 5	Secondary Headaches. (L1)
15:00	18:15	TC 6	Infections in the differential diagnosis of neurological disorders. (L2)
15:00	18:15	TC 7	Epilepsy treatment: when to treat, how to treat, how long to treat.
15:00	18:15	TC 8	Management of immune-mediated inflammatory and toxic muscle disorders. (L3)
15:00	18:15	TC 9	The new scenario of prodromal dementia with Lewy bodies. (L3)
15:00	18:15	TC 18	Treatment of adult and pediatric primary sleep disorders. (L2)
15:00	18:15	os	Tournament Basic + Clinical
16:45	18:15	HoC 6	Special indications for neurosonology examination – advanced neurosonology course. (L3)
16:45	18:15	SpS 6	RRFS Round Table Session
16:45	18:15	os	Oral Sessions
16:45	18:15	CONT 1	Has repetitive transcranial magnetic stimulation (rTMS) matured into a useful treatment option for neurological conditions?
18:30	20:00	SAT	Satellite Symposium

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Monday, 27 June 2022

Start	End	Session	
07:15	07:45	SAT	Early Bird Satellite Session
08:00	09:30	SpS 7	History Session
08:00	09:30	laS 5	Lost in space: rare disorders of spatial perception and orientation.
08:00	09:30	SpS 8	WFN
08:00	09:30	FW 14	The human functional connectome in neurological diseases.
08:00	09:30	FW 15	Treatment strategies for Multiple Sclerosis: escalation, induction, combination.
08:00	09:30	FW 16	Models for treatable inherited rare neurological diseases.
08:00	09:30	FW 17	Managing cluster headache.
08:00	09:30	FW 18	Getting evidence into practice: The use of "big data" in neuroepidemiology.
08:00	09:30	FW 19	The present and the future of ultrasound and electrophysiological examinations in neuromuscular neurone disorders.
08:00	09:30	CbW 6	Mimics and chameleons of infections in neuroimaging.
08:00	09:30	HoC 7	Neurological point of care ultrasound, neuro-pocus. (L2)
09:30	10:00	3DS	3-day-Sat.Session
10:00	12:00	PLEN 3	Improving lives and reducing burden: What evidence do we need to implement?
12:15	13:15	SAT	Satellite Symposium
13:15	13:45	CONT 2	What is the best therapeutic strategy for young parkinson patients with motor fluctuations?
13:15	13:45	3DS	3-day-Sat.Session
13:45	14:45	SAT	Satellite Symposium
15:00	16:00	os	Oral Session
15:00	16:30	os	Oral Session
15:00	16:30	SYMPTO	Myasthenia gravis: What is our current knowledge on diagnostics and therapy.
15:00	16:30	SpS 9	EAN/EPA Joint Session
15:00	16:30	CbW 7	Palliative care in neurological disorders.
15:00	18:15	TC 10	Ataxias. (L2)
15:00	18:15	TC 11	From neuro-COVID to post-COVID and COVID naccines (L1)
15:00	18:15	TC 12	Recent developments in neurointensive care: getting evidence into practice. (L3)
15:00	18:15	TC 13	Painful and small fiber neuropathy (L3)
15:00	18:15	TC 14	The immunology behind the efficacy of MS medications (L3)
16:15	16:45	CONT 3	Neuronal autoantibody testing in psychosis and epilepsy: to test or not to test?
16:15	16:45	3DS	3-day-Sat.Session
16:45	18:15	laS 6	A diagnostic workflow for the biomarker-based diagnosis of dementia developed by european scientific societies.
16:45	18:15	CONT 4	Controversies in headache: what is the first line in the treatment of migraine
16:45	18:15	os	Oral Session
17:00	18:00	os	Oral Session
18:30	20:00	SAT	Satellite Symposium

Tuesday, 28 June 2022

Start	End	Session	
07:15	07:45	SAT	Early Bird Satellite Session
08:00	10:00	SYMP 5	${\bf Migraine\ cortical\ spreeding\ depression-from\ pathophysiology\ to\ clincial\ expression.}$
08:00	10:00	SYMP 6	New evidences to tackle major health issues in stroke.
08:00	10:00	SYMP 7	Cognitive deficit and dementia: beyond neurogenerative diseases
08:00	10:00	SYMP 8	Coma – what 's new?
08:00	10:00	HoC 8	Acute vestibular and ocular motor disorders: expeditious approaches. (L2)
08:30	10:00	SpS 10	AFAN
08:30	10:00	CdS 2	Alternative study designs in neurology.
08:30	10:00	laS 7	The bedside approach for autonomic complaints: what to do and when to refer to an autonomic lab?
08:30	10:00	SpS 11	Gender & Diversity
08:30	10:00	CbW 8	Neuromuscular diseases clinical examination's tutorial / Neuromuscular clinical examination for beginners.
08:30	10:00	os	Oral Session
10:30	12:30	PLEN 4	Highlights and Breaking News
13:00	14:30	CdS 3	Artificial Intelligence approaches in neurology.
13:00	14:30	SpS 12	EBC
13:00	14:30	CONT 5	Acute symptomatic seizures: to treat or not to treat?
13:00	14:30	CbW 9	Managing the syndrome of Dr. James Parkinson: translating the evidence to manage the vital 5 to clinical practice.
13:00	16:30	TC 15	Rare neurological diseases with frequent neurological manifestations. (L2)
13:00	16:30	TC 16	Management of patients with Mild Cognitive Impairment.
13:00	16:30	TC 17	Common questions in the intensive care unit (and what to answer). (L1)

3DS 3-Day Satellite Session CbW Case-based Workshop

CdS Career development Session

CONT Controversy

HoC Hands on Course

laS Interactive Session

TC Teaching Course

SAT Satellite Symposium

FW Focused Workshop

OS Oral Session

PLEN Plenary Symposium

SpS Special Session

SYMP Symposium

T Tournament

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PRELIMINARY PROGRAMME 27



Presidental Symposium

Sunday, 26 June 2022

10:00 – 12:00, Main Auditorium

Chairpersons:

Claudio Bassetti, Bern, Switzerland Thomas Berger, Vienna, Austria

Charles Édouard Brown-Séquard Lecture

With this lecture EAN wants to recognize and honour an outstanding and commendable basic or clinical neuroscientist with major contributions in the fields of systems neuroscience.

Kailash Bhatia, London, United Kingdom

The translational clinician: big gains from small observations

Camillo Golgi Lecture

This Named Lecture is to recognize and honour an outstanding and commendable basic or clinical Neuroscientist in the field of modern neuroanatomy, imaging or molecular research.

Hans Lassmann, Vienna, Austria

The Contribution of Neuropathology to Multiple Sclerosis Research

Moritz Romberg Lecture

The aim of this lecture is to recognize and honour an outstanding, influential and exemplary clinician in neurology.

Bo Norrving, Lund, Sweden Stroke systems and systematics

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.

Michael Moskowitz, Massachusetts, United States of America The trigeminovascular system as a template for discovery in migraine

Overarching Theme

Getting evidence into practice

Saturday, 25 June 2022 08:00 – 09:30, Room Oslo Focused Workshop 2 Sunday, 26 June 2022 08:00 – 09:30, Room Berlin Focused Workshop 11

How do we ensure the timely generation of evidence that will improve lives and reduce burden?

Chairperson

Pierre-Antoine Gourraud Nantes, France

- COVID-19: Benefits and pitfalls of rapid implementation during a pandemic Collin Baigent Oxford, United Kingdom
- Multiple Sclerosis: Is neurology following or leading in the development of prognostic biomarkers? Pierre-Antoine Gourraud Nantes, France
- Headache: New treatment paradigms; who defines them?

 Elizabeth Loder

 Boston, USA

Implementing evidence: What have we learned and what must we do better?

Chairperson Tim von Oertzen Linz. Austria

- Stroke: Implementation in the acute and emergency setting Hanne Christensen Copenhagen, Denmark
- Rare diseases: Implementation when both expertise and high-quality evidence are scarce
 Mary Reilly
 London, United Kingdom
- Epilepsy: Implementation in a chronic disease across the life course Tim Von Oertzen Linz, Austria

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Overarching Theme I Symposia

Monday, 27 June 2022 10:00 – 12:00, Main Auditorium Plenary Symposium 3

Improving lives and reducing burden: What evidence do we need to implement?

Chairperson

Maurizio Leone San Giovanni Rotondo, Italy

- Do neurology trials inform everyday clinical practice? If not, why not and what should be done to make sure that they do?

 Carl Clarke

 Birmingham, United Kingdom
- How do we ensure the appropriate development and implementation of diagnostic technologies in neurology, and what does the neurologist need to know?
 Brit Molenhauer
 Osnabrück, Germany
- Are guidelines a useful tool for improving outcomes in neurology?
 Maurizio Leone
 San Giovanni Rotondo, Italy
- How does the general neurologist find what is important and relevant in an era of information overload and increasing complexity?
 Charlotte Cordonnier
 Lille, France

Saturday, 25 June 2022 10:00 – 12:00, Main Auditorium Symposium 1

Early detection and treatment of Parkinson's disease

Chairperson

Tiago Outeiro Goettingen, Germany

- How can biomarkers help us better define Parkinson's disease?
 Brit Mollenhauer
 Kassel, Germany
- Imaging-based diagnosis of pre-motor Parkinsonism Karoline Knudsen Aarhus, Denmark
- Biological vs Clinical Diagnosis of Parkinson's disease Tiago Outeiro Goettingen, Germany
- Update on disease modifying treatments Angelo Antonini Padua, Italy

Symposia

Saturday, 25 June 2022 08:00 – 10:00, Room Oslo Symposium 2

Scientific advances for immediate transition into clinical practice in multiple sclerosis

Chairpersons

Maria Pia Amato / Florence, Italy Salimata Gassama / Paris, France

- People with MS are at the center: Strategies to implement analogue and digital patient-reported outcomes in routine practice Caroline Pot-Kreis Lausanne, Switzerland
- SARS-CoV-2 vaccines for people with MS and disease-modifying therapies: new immunological insights to help manage uncertainties in daily practice Barbara Kornek / Vienna, Austria
- Getting Evidence into practice: The new EAN-ECTRIMS guideline "Update on the pharmacological treatment of people with multiple sclerosis"

 Mar Tintore / Barcelona, Spain
- Real-World-Evidence (Big data, registries): "game-changer" for regulatory and clinical views on when to start, switch and stop of disease-modifying therapies in MS?

 Jan Hillert / Stockholm, Sweden

Saturday, 25 June 2022 08:00 – 10:00, Room Amsterdam Symposium 3

Getting evidence into practice in the management of epilepsies

Chairperson

Tony Marson Liverpool, United Kingdom

- Diagnosing Epilepsy Mar Carrenio Barcelona, Spain
- Medical treatment of Epilepsy Tony Marson Liverpool, United Kingdom
- Surgical treatment of Epilepsy Kristl Vonck Ghent, Belgium
- Palliative care in Epilepsy Adam Strzelczyk Frankfurt, Germany

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Symposia

Saturday, 25 June 2022 08:00 – 10:00, Room Berlin Symposium 4

EAN / EANO symposium "getting evidence into practice: biomarkers for the management of cns tumors" Sunday, 26 June 2022 10:00 – 12:00, Room Sub-specialty Track Symposium 9

The burden of sleep disorders in neurology

Chairpersons Roberta Ruda Treviso, Italy

Marianne de Visser Amsterdam, The Netherlands

- The new WHO Classification 2021 Adelheid Wöhrer Vienna, Austria
- Molecular and imaging biomarkers in high grade gliomas Andreas Hottinger Lausanne, Switzerland
- Molecular and imaging biomarkers in lower grade gliomas Roberta Ruda Treviso, Italy
- Molecular and imaging biomarkers in primary CNS lymphomas Ian Low Copenhagen, Denmark

Chairperson Claudio Bassetti Bern. Switzerland

- Epidemiology of Sleep Disorders in Neurology Elisa Baldin Bologna, Italy
- Sleep by and for the brain Pierre-Hervé Luppi Lyon, France
- Sleep- wake disorders in neurology impact and management Ulf Kallweit Witten, Germany
- Socioeconomic burden of sleep disorders Claudio Bassetti Bern, Switzerland

Symposia

Tuesday, 28 June 2022 10:00 – 12:00, Main Auditorium Symposium 5

Migraine cortical spreeding depression – from pathophysiology to clincial expression

Chairperson Christian Lampl Linz, Austria

- Pathophysiology of Cortical spreading depression Margarita Sanchez del Río Madrid, Spain
- CSD is a the main clinical initiation wave for all migraine types Anna Andreou London, United Kingdom
- Clinical expression and possible therapeutic possibilities Christian Lampl Linz, Austria

Tuesday, 28 June 2022 10:00 – 12:00, Room Oslo Symposium 6

New evidences to tackle major health issues in stroke

Chairperson Anna Bersano Milan, Italy

- Detecting AF to prevent stroke: when how long, to whom and how much Georgios Tsivgouliss Athens, Greece
- Treating vascular risk to prevent dementia Hugh Markus Cambridge, United Kingdom
- Asymptomatic Carotid artery stenosis: stent, surgery and medical therapy Agnes Flöel Greifswald, Germany

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Symposia

Tuesday, 28 June 2022 08:00 - 10:00, Room Lisbon Symposium 7

Tuesday, 28 June 2022 10:00 - 12:00, Room Vienna Symposium 8

Cognitive deficit and dementia: Coma - what's new? beyond neurodegenerative diseases

Chairpersons

Kristian S. Frederiksen Copenhagen, Denmark

Jean Georges Luxembourg, Luxembourg

- Cognitive impairment and falls in the frail elderly patient: impact of comorbidities and polytherapy Marcel Olde-Rikkert Nijmegen, The Netherlands
- · Cognitive decline in neuroinflammatory diseases: the case of multiple sclerosis Massimo Filippi Milan, Italy
- The cognitive consequences of stroke: how to rehabilitate? Ana Verdelho Lisabon, Portugal
- The dementia-friendly Hospital: what is it and why we need it. Jean Georges Luxembourg, Luxembourg

Chairperson Raimund Helbok Innsbruck, Austria

- Definition of coma old and new perspectives Benjamin Rohaut Paris, France
- The biology of coma David K. Menon Cambridge, United Kingdom
- · Variability in the management of comatose patients Verena Rass Innsbruck, Austria
- · Therapies to restore consciousness: what is available and what's in the pipeline? Aurore Thibaut Liege, Belgium

Sub-specialty Track - Pilot Event

This year EAN will host a special pilot event as part of the EAN Congress 2022, called the 'Sub-specialty Track on Sleep-Wake Disorders' and we kindly invite everyone interested in sleep medicine to join this event!

The ticket is valid only for **Sunday 26 June 2022** with limited access to the Sub-specialty Session Room (no other EAN sessions can be visited) and to the Exhibition for coffee and lunch breaks. The EAN Programme Committee together with the EAN panel and its partner societies has created an extraordinary programme for this event dedicated to sleep/wake disorders, which you should not miss! See below the preliminary programme of the Sub-specialty Track:

Interactive Session 8

Movements during sleep: from normality to disease

- · Isolated motor phenomena and normal variants in sleep: when do they become abnormal?
- · From movements to behaviours: Disorders of arousal and Sleep related hyper motor epilepsy.
- · Sleep-related movements and behaviours in neurodegenerative diseases.

Symposium 9

The burden of sleep disorders in neurology

- Epidemiology of Sleep Disorders in Neurology.
- Sleep by and for the brain
- Sleep-wake disorders in neurology: impact and management.
- · Socioeconomic burden of sleep disorders.

Teaching Course 18

Treatment of adult and paediatric primary sleep disorders. (L2)

- · Management of CNS hypersomnolence disorders
- Treatment of sleep-related movement and breathing disorders
- Parasomnias video session & treatment
- Paediatric sleep disorders diagnosis and treatment

Tickets for the Sub-specialty Track only can be requested via registration@ean.org and are available for purchase starting in March 2022.

Important: Participation at the Sub-specialty Track is automatically included with regular congress registration!

Application procedure:

If you wish to become an Individual

MyEAN account, fill in the online

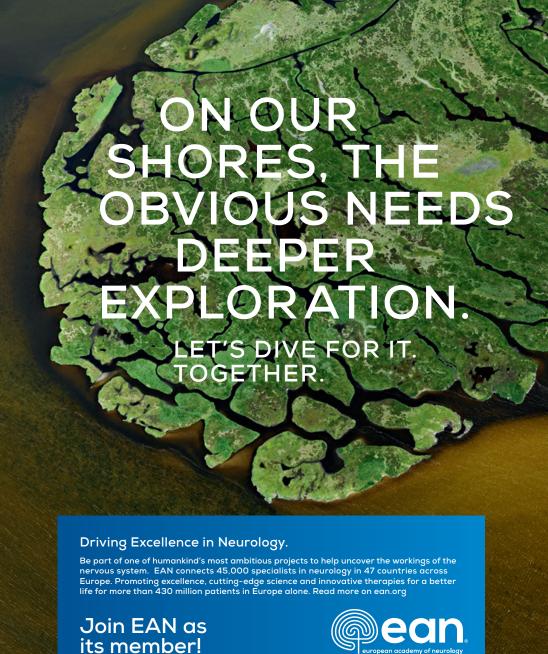
current CV and other necessary

supporting documents in English.

application form found under

Member of EAN, please login to your

"Membership" - tab and upload your





Become an EAN Individual Member and benefit from the following:



Get connected and visit the annual congress

- · Reduced online registration fees
- free virtual participation in the congress
- · Access to the VIP area and congress webcasts
- · Have a professional picture taken at the EAN photobooth

Make connections and expand your knowledge

- Printed edition of the European Journal of Neurology at a reduced rate
- 10% off APC for publishing OnlineOpen European Journal of Neurology
- My EAN: web-conferencing tool
- EAN Guideline Reference Centre
- Individual Membership in EAN Scientific Panels

Get access to and learn

- 20% off congress registration fee when you participate in the European Board Examination in Neurology
- Current issues and the full archive of the European Journal of Neurology online
- Online learning platform eBrain
- EAN Webinars & e-learning
- EAN Grants (Spring/Autumn/Science schools, Fellowships, Mentorship)

Shape the future of EAN

• Voting rights & Committee participation (FEAN & Full members only)

Savings

- AAN-EAN shared Membership: get 10% off your membership fee.
- If your place of work is a low/low middle-income country (as defined by World Bank), you pay a reduced fee.
- If you are a retired neurologist, you are entitled to a discount of 50% off the regular membership fee.

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) or completion of specialisation & up to a maximum of 15 years after receiving a license to practice medicine.

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