

# Spring School



Steinschaler Dörfel, Austria, May 8 – 12, 2019

20<sup>th</sup>  
spring school

**Spring  
School** Steinschaler Dörf, Frankenfels  
2019

# Boost your career in Neurology

EAN Spring School  
Steinschaler Dörf, Austria  
Mai 8-12, 2019

European Academy  
of Neurology  
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The 2019 Spring School in Austria is  
kindly supported by the Convention  
Bureau of Lower Austria.

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FEEL ALIVE.**



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900,000,000  
brains

45,000  
members

47  
countries

community



Great Minds.

## Welcome Message

Dear colleagues and friends,



On behalf of the EAN Teaching Course sub-Committee we have the great pleasure and privilege to welcome you at our jubilee Spring School in Frankenfels, Austria.

Having a very long standing tradition, first in the former EFNS and now within the EAN, we are proud to announce that this year we are celebrating the 20<sup>th</sup> Spring School.



During the very successful previous years, Spring School hosted almost 2000 participants from more than 40 countries. The majority of important, relevant, interesting and very attractive neurological topics were covered by more than 200 top experts during more than 120 scientific sessions and workshops.

For many years, Professor Pavel Kalvach was the good spirit of the Spring School and he was successfully succeeded, first by Professor Gilles Edan, and in the last years by Professor Milija Mijajlovic.

We certainly owe perfect organisation of the Spring School for all the past years to Ing. Magda Dohnalova, EAN Headoffice staff, as well as members of EFNS/EAN Boards and Committees as well as Residents and Research Fellows Section.

As in the past years, we have selected very attractive lectures on Stroke, Higher Cortical Functions and Neurorehabilitation. They are going to be presented by the distinguished international faculty to 120 neurologist in training from 38 countries.

This year for the first time, Spring School participants will have the possibility to present their selected cases during the scientific dinner in front of a Jury and all participants. We are sure that participants will have the possibility not only to gain new knowledge in neuroscience but to make new friendships, plan further collaborations and also enjoy the beautiful surroundings and nature in Lower Austria.

We wish you successful and fruitful work and a very pleasant stay!

Claudia Sommer  
EAN Teaching Course  
sub-Committee Chair

Milija D. Mijajlovic  
EAN Spring School  
Scientific Programme Organiser

## Spring School Steinschaler Dörfel, Frankenfels 2019

### About EAN

The European Academy of Neurology (EAN) was founded during the first Joint Meeting of the ENS (European Neurological Society) and EFNS (European Federation of Neurological Societies) in Istanbul. This year EAN celebrates its 5<sup>th</sup> anniversary and the 20<sup>th</sup> EAN Spring School.

#### EAN Mission

EAN provides a go-to resource for everyone working in the fields of neurology and neuroscience. The EAN brings together national societies, institutions, clinicians and researchers and offers a forum for research, learning, networking and best practice for patients.

Its mission is to increase and share neurological excellence in Europe and worldwide and to promote quality and work with the best clinicians, educators and scientists.

#### Assembly of Delegates

It is the democratic heart of EAN, consisting of Individual Delegates representing individual members, and Institutional Delegates representing the 47 member Societies of EAN.

#### EAN Board

Franz Fazekas, Austria  
*President*

Claudio Bassetti, Switzerland  
*President Elect*

Marianne de Visser, The Netherlands  
*Secretary General*

Marie Vidailhet, France  
*Chair Scientific Committee*

Tony Marson, UK  
*Chair Programme Committee*

Günther Deuschl, Germany  
*Past President*

Elena Moro, France  
*Treasurer*

Dafin Muresanu, Romania  
*Chair Communication Committee*

Riccardo Soffietti, Italy  
*Chair Education Committee*

#### Teaching Course Sub-committee

Claudia Sommer, Germany (*Chair*)  
Elena Lebedeva, Russia  
Milija Mijajlovic, Serbia  
Celia Oreja-Guevara, Spain  
Erich Schmutzhard, Austria  
Roland Wiest, Switzerland  
David García Azorín, Spain (*Representative RRFS*)  
Pille Taba, Estonia (*Representative MDS-ES*)

EAN Administration: Julia Mayer, Magda Dohnalova, Eveline Sipido

#### Organisation

4 Committees and 2 sub-committees covering all aspects of our scientific organisation. The committees cover the following areas: congress programme, education, communication, scientific, European affairs and educational events outside the congress.

30 scientific panels represent all areas of neurology. Each panel consists of one member of each European National Neurological Society and individual panel members. They are organised by their own management group. RRFS do have representatives in most of the committees and panels.



#### Resident and Research Fellow Section (RRFS)

The main objectives are: to represent, inform, and help neurology trainees at an international level, including those who wish to spend time in other countries for clinical training or research; to connect junior neurologists for clinical exchange and support; to build a platform for communication among junior neurologists.

RRFS organise a hospital visit and a special session as well as many networking opportunities during the annual EAN Congress.

RRFS members are eligible

- To apply for the EAN Spring and Autumn School
- To apply for the EAN Clinical and Research Fellowship
- To apply for a congress travel grant (bursary)
- To participate in the Tournament for neurologists in training at the annual congress
- To pay the reduced congress registration fee
- To visit the VIP members' lounge at the congress

## Spring School Steinschaler Dörf, Frankenfels 2019

### General Information A – Z

#### Afternoon workshops & group info

3 groups of 40 participants will rotate from workshop to workshop. Every morning the daily groups (A, B, C) will be displayed.

13:30 – 14:30 Workshops

14:30 – 14:45 Break and change of session rooms

14:45 – 15:45 Workshops

15:45 – 16:00 Break and change of session rooms

16:00 – 17:00 Workshops

#### Board and catering

free of charge daily catering includes

- breakfast buffet
- lunch buffet
- dinner buffet

All other meals and beverages during your stay go on your own expenses and you must be paid immediately.

#### Certificates

Each participant will receive a certificate of attendance. Upon passed exam on the last day, an additional certificate will be provided.

#### Evaluation

All participants are asked to fill out the evaluation form distributed during the course in order to improve the quality.

#### Exam

On the last day (17.00 – 17.30), an exam-questionnaire related to the lectures of the speakers of the course will be carried out.

#### Liability and insurance

The organiser will not assume any responsibility whatsoever for damage or injury to persons or property during the course. EAN will provide confirmation, health insurance and necessary documents only for the duration of the Spring School, i.e. May 8-12, 2019.

#### Location

Nature Hotel Steinschaler Doerfl

Taschlgrabenrotte 2

A-3213 Frankenfels

Austria

<http://en.steinschaler.at/seminare.php>

Phone: +43-(0)2722-2281

#### Emergencies:

EAN Office mobile phone on-site:

+43 664 465 80 86

#### Payments

You may use the following credit cards for all payments within the hotel:

VISA, MasterCard - No Diners Club and no American express (card payments can be done only from 15 euros upwards)

There is no ATM machine in the hotel.

#### Mobile phones

During sessions, we ask you to switch off your mobile phones-

#### Presentations

All presentations and slides will be online on the EAN Website [www.ean.org/Spring-School](http://www.ean.org/Spring-School).

#### Sessions

All sessions start on time, we ask you to be in the session/workshop room shortly before the announced beginning.

#### Smoking policy

Smoking is not allowed in any of the conference rooms. Designated areas are available throughout the hotel premises.

#### Wi-Fi

Wi-Fi is free in the public areas and in den main rooms (no password is required).



## Spring School

### Steinschaler Dörf, Frankenfels 2019

#### Faculty

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**Natan Bornstein, MD, Prof**  
*Ichilov Hospital, Tel Aviv Sourasky Medical Center*  
*Department of Neurology*  
 Tel Aviv, Israel



**Noa Bregman, MD**  
*Tel Aviv Medical Center*  
*The Memory and Attention Disorders Center*  
 Tel Aviv, Israel



**Karin Diserens, PD MER Dr**  
*CHUV - Centre Hospitalier Universitaire Vaudois*  
*Departement of Neurosciences*  
 Lausanne, Switzerland



**Franz Fazekas, MD, Prof, FEAN**  
*Medical University of Graz*  
*Department of Neurology*  
 Graz, Austria



**Volker Hömberg, MD, Prof**  
*St. Mauritius Hospital*  
 Meerbusch, Germany



**Masud Husain, MD, Prof**  
*University of Oxford, John Radcliffe Hospital*  
*Nuffield Dept Clinical Neurosciences*  
 Oxford, United Kingdom



**Emrah Kacar, MD**  
*University Hospital Tulln*  
 Tulln, Austria



**Karl Matz, MD, AssProf**  
*Danube-University Krems*  
*Department for Clinical Neurosciences*  
*and Preventive Medicine*  
 Krems, Austria



**Milija Mijajlovic, MD, AssProf, PhD**  
*Clinical Center of Serbia and School of Medicine*  
*University of Belgrade*  
*Neurosonology Unit*  
 Belgrade, Serbia



**Dafin Fior Muresanu, MD, Prof, PhD, MBA, FANA**  
*University of Medicine "Iuliu Hatieganu"*  
*Department of Neurosciences*  
 Cluj-Napoca, Romania



**Irena Rektorova, MD, Prof, FEAN**  
*Brno Hospital Sveti Anna, Mararyk University,*  
*2nd Department of Neurology*  
 Brno, Czech Republic

## Spring School Steinschaler Dörfel, Frankenfels 2019

Thursday, May 9, 2019

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### Stroke

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#### Morning sessions

8:45 – 9:45

- How to organise acute stroke care  
*Karl Matz*  
*Krems, Austria*

9:45 – 10:00

- Coffee break

10:00 – 11:00

- Secondary stroke prevention (antiplatelets)  
*Natan Bornstein*  
*Tel Aviv/Jerusalem, Israel*

11:00 – 11:15

- Coffee break

11:15 – 12:15

- Imaging of acute stroke  
*Franz Fazekas*  
*Graz, Austria*

12:15 – 13:15

- Lunch break

#### Afternoon workshops

13:15 – 16:45

3 groups of 40 participants will rotate from workshop to workshop  
2 coffee breaks at 14:15 and 15:30

a) Differential diagnosis and treatment selection for stroke  
*Franz Fazekas*

b) Secondary stroke prevention (carotid stenosis)  
*Natan Bornstein*

c) Case presentations and discussions  
*Karl Matz*

Friday, May 10, 2019

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### Higher cortical functions

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#### Morning sessions

9:00 – 10:00

- Attention and executive functions  
*Irena Rektorova*  
*Brno, Czech Republic*

10:00 – 10:15

- Coffee break

10:15 – 11:15

- Language  
*Noa Bregman*  
*Tel Aviv, Israel*

11:15 – 11:30

- Coffee break

11:30 – 12:30

- Memory  
*Masud Husain*  
*Oxford, United Kingdom*

12:30 – 13:30

- Lunch break

#### Afternoon workshops

13:30 – 17:00

3 groups of 40 participants will rotate from workshop to workshop  
2 coffee breaks at 14:30 and 15:45

a) Practical approach to attention and executive functions: case presentations  
*Irena Rektorova*

b) Case presentations and discussions  
*Noa Bregman*

c) Memory disorder cases  
*Masud Husain*

# Spring School Steinschaler Dörf, Frankenfels 2019

Saturday, May 11, 2019

## Neuro-rehabilitation

### Morning sessions

#### 9:00 – 10:00

- Advances in neurorehabilitation fundamentals in brain protection and recovery  
*Dafin Muresanu*  
*Cluj, Romania*

#### 10:00 – 10:15

- Coffee break

#### 10:15 – 11:15

- The enigma of proportional recovery  
*Volker Hömberg*  
*Düsseldorf, Germany*

#### 11:15 – 11:30

- Coffee break

#### 11:30 – 12:30

- How to detect covert consciousness in the acute phase and the impact of acute neurosensory stimulation in outdoor therapy  
*Karin Diserens*  
*Lausanne, Switzerland*

#### 12:30 – 13:30

- Lunch break

### Afternoon workshops

#### 13:30 – 17:00

3 groups of 40 participants will rotate from workshop to workshop  
2 coffee breaks at 14:30 and 15:45

- a) Clinical practice to avoid pitfalls in DOC patients  
*Karin Diserens*

- b) Neurorehabilitation in Parkinson's disease - practical aspects  
*Dafin Muresanu*

- c) Case presentations and discussions  
*Volker Hömberg*

#### 17:00 – 17:30

- Exam

## Programme overview

Thursday, May 9, 2019 Stroke	Friday, May 10, 2019 Higher Cortical Functions	Saturday, May 11, 2019 Neuro-Rehabilitation
08:45 – 9:45 How to organise acute stroke care Karl Matz Krems, Austria	09:00 – 10:00 Attention and executive functions Irena Rektorová Brno, Czech Republic	09:00 – 10:00 Advances in neuro-rehabilitation fundamentals in brain protection and recovery Dafin Muresanu Cluj, Romania
9:45 – 10:00 Coffee Break	10:00 – 10:15 Coffee Break	10:00 – 10:15 Coffee Break
10:00 – 11:00 Secondary stroke prevention (antiplatelets) Natan Bornstein Tel Aviv/Jerusalem, Israel	10:15 – 11:15 Language Noa Bregman Tel Aviv, Israel	10:15 – 11:15 The enigma of proportional recovery Volker Hömberg Düsseldorf, Germany
11:00 – 11:15 Coffee Break	11:15 – 11:30 Coffee Break	11:15 – 11:30 Coffee Break
11:15 – 12:15 Imaging of acute stroke Fratz Fazekas Graz, Austria	11:30 – 12:30 Memory Masud Husain Oxford, UK	11:30 – 12:30 How to detect covert consciousness in the acute phase and the impact of acute neurosensory stimulation in outdoor therapy Karin Diserens Lausanne, Switzerland
12:15 – 13:15 Lunch Break	12:30 – 13:30 Lunch Break	12:30 – 13:30 Lunch Break
Afternoon Workshops		
13:15 – 14:15 Karl Matz GR-1 Natan Bornstein GR-2 Franz Fazekas GR-3	13:30 – 14:30 Irena Rektorová GR-1 Noa Bregman GR-2 Masud Husain GR-3	13:30 – 14:30 Dafin Muresanu GR-1 Volker Hömberg GR-2 Karin Diserens GR-3
14:30 – 15:30 Karl Matz GR-2 Natan Bornstein GR-3 Franz Fazekas GR-1	14:45 – 15:45 Irena Rektorová GR-2 Noa Bregman GR-3 Masud Husain GR-1	14:45 – 15:45 Dafin Muresanu GR-2 Volker Hömberg GR-3 Karin Diserens GR-1
15:45 – 16:45 Karl Matz GR-3 Natan Bornstein GR-1 Franz Fazekas GR-2	16:00 – 17:00 Irena Rektorová GR-3 Noa Bregman GR-1 Masud Husain GR-2	16:00 – 17:00 Dafin Muresanu GR-3 Volker Hömberg GR-1 Karin Diserens GR-2
17:00 Departure Excursion	19:30 Scientific Dinner + RRFS Lecture	17:00-17:30 Exit Exam



## Spring School Steinschaler Dörf, Frankenfels 2019

### Networking Programme

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#### Wednesday, May 8, 2019

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##### 20:00 Welcome

Welcoming words by

- Professor Franz Fazekas  
*Austria*  
*EAN President*

- Professor Milija Mijajlovic  
*Serbia*  
*Scientific Programme organiser*

followed by a reception and informal meet'n'greet and dia show of Spring school 2000-2019

#### Thursday, May 9, 2019

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##### 17:00h Excursion

Visit to famous Melk Abby followed by a visit to a typical Austrian wine-restaurant with food and entertainment

#### Friday, May 10, 2019

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##### 19.30 Scientific dinner

- RRFS lecture: Tips how to start your career as junior neurologist in Europe  
*Emrah Kacar*  
*Austria*  
and  
Case-Presentations by participants with Q&A by the faculty

#### Saturday, May 11, 2019

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##### 19:00 Dinner & Good-bye party

### About the area

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“The Dörf” - Located on a mountainside between Frankenfels and Schwarzenbach, the old mountain farm, the “Waitzgraben”, was refurbished to an ample hotel village, retaining from nature and from the local character as much as possible. This nature park at 730m above sea level is crossed by a myriad of walking paths and surrounded by generous 86 hectares of healthy forests and lush mountain meadows.



The revitalised houses of the former country yard are grouped harmoniously around the central “Village Square”. And this ensemble is complemented on the level of the terraces by the “Jagdhaus” (Hunting Cabin), the House “Talblick” (Valley View), and – towering above all – by the “Dorfhotel” (Village Hotel). Next to the “Dorfplatz” (the Village Square) you will find the terrace, a meeting point at any time of the day, with an indeed lovely view to the east.

“The Ötscher” – visible from 100km distance, the 1,893m (6,211 ft) high mountain is a prominent peak in south-western Lower Austria. Its name has Slavic roots and translates approximately as a diminutive of “father”. The Ötscher area belongs to the Ybbstal Alps, which are part of the Northern Limestone Alps.

## Spring School Steinschaler Dörfel, Frankenfels 2019

### Melk Abby / Stift Melk

Melk has been a spiritual and cultural center of the country for more than 1000 years, first as a castle for the Babenbergs, then from 1089 as a Benedictine monastery, founded by Margrave Leopold II.

Since the 12th century a school has been connected with the monastery, and valuable manuscripts have been collected and created in the library. In the course of the monastery's history, members of the Melk monastic community have achieved significant success in the fields of natural science and the arts. In the 15th century, the monastery was the starting point of one of the most important medieval monastic reforms, the "Melk Reform", and had close ties to the Humanists at the University of Vienna.

The magnificent baroque building was built between 1702 and 1736 following plans by Jakob Prandtauer and some of the most renowned artists of the time.

For over 900 years, monks have continued in the tradition of St. Benedict without interruption in the fields of parish life (23 parishes belong to the monastery), school, economy, culture, and tourism.

Since its beginnings, Melk has been an important intellectual and spiritual center of the country.



The numerous visitors to the building pose a pastoral challenge to the monastery, a desire to make them realize that in every period and genre of art, the artists wanted to call attention to God through their works ("Ut In Omnibus Glorificetur Deus"—So that God is honored in all we do).

# IN OUR PROFESSION, PERCEPTION IS KEY.

LET'S TRAIN IT.  
TOGETHER.

### Driving Excellence in Neurology.

Be part of one of humankind's most ambitious projects to help uncover the workings of the nervous system. EAN connects 45,000 specialists in neurology in 47 countries across Europe. Promoting excellence, cutting-edge science and innovative therapies for a better life for more than 430 million patients in Europe alone. Read more on [ean.org](http://ean.org)

Great Minds.



## Spring School Steinschaler Dörf, Frankenfels 2019

### MAP



### Educational Activities

In addition to Fellowship grants and the Spring and Autumn Schools, EAN is happy to offer other educational activities for professional neurologists and neurologists in training:

#### Regional Teaching Courses (RTC)

EAN-RTCs aim at bringing teaching of excellence to residents in neurology and neighboring specialties to the countries that cannot hold an EAN congress. One RTC per year takes place in Sub-Saharan Africa (co-organised with AFAN and other organisations). The purpose is to provide basic teaching in neurology and thus also establish friendly relations with all colleagues. These courses are scheduled for 3 days, with plenary sessions each morning followed by small tutorial groups in the afternoon (case-based videoclips, hands-on workshops).

#### EAN-Day

The EAN-Day aims at bringing excellent teaching and special recognition by the EAN to our National Neurological Member Societies (and Corresponding Societies). This day takes place directly prior or after a National Neurological Society meeting and is a strictly academic educational initiative with financial support from the EAN. Three plenary sessions will take place in the morning addressing 3 different topics, followed by rotating workshops on the same 3 topics, case-based video clips or hands-on courses for participants to work and learn in smaller groups.

#### CME ARTICLES

Each month a CME article is published in the European Journal of Neurology and on the EAN website. Answer 5 article-related questions correctly and receive a certificate recommending one hour of CME. Please visit the EAN website, LEARN section, for free-of-charge access.

#### eBrain

This e-Learning programme consists of approximately 20 modules of e-learning, with each of the 550+ individual lessons taking around 20 minutes to complete and is **free of charge for EAN members** via the EAN website.

This programme is designed to support training and continuous professional development for clinical neuroscience trainees, consultants and non-specialists.

#### eBook: Manual of the Neurological Examination for Neurologists in Training

This multimedia publication is primarily aimed at students in clinical training and at junior doctors and can be downloaded free of charge for EAN members via the EAN website. In 12 sections, containing 90 videos tutorials and >100 images basics and finer points of the clinical bedside examination in neurology are presented by renown experts in their field.

**Detailed information and all application forms can be found on [www.ean.org/LEARN](http://www.ean.org/LEARN)**

ean  
congress

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

Oslo  
2019

June 29 – July 2

# Neuroinflammation

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