

Memories of the 6th EAN CONGRESS – Paris - 1st Virtual Congress (Corona-Pandemic) -



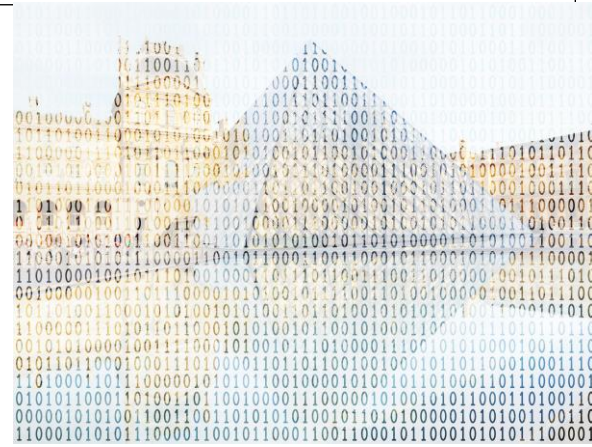
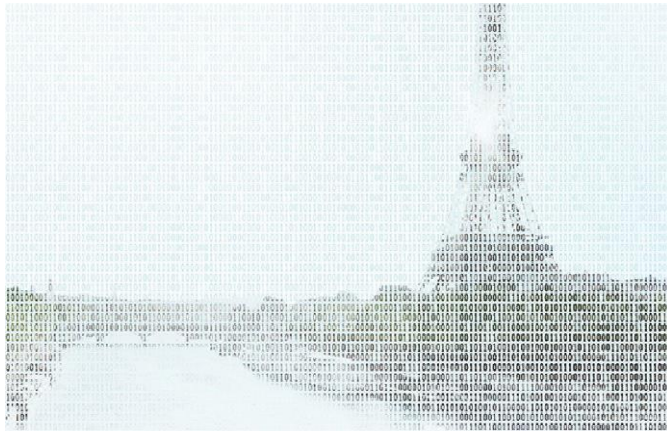
The EAN Archivists
Julia Mayer - Klaus V. Toyka - Christian Krarup



**The EAN
Archive -
Keeping the Past
for the Future**



The Paris Venue – Home & Office Computers



Overarching Theme: “TIME FOR ACTION: PREDICT – PREVENT - REPAIR”

ean congress virtual 2020



HOME LIVE STREAM INDUSTRY EAN ePOSTER AREA EAN BOOTH EAN CREATIVE

MY CONGRESS

ts of live streamed and on-demand sessions – viewing and evaluating of on-demand sessions extended until Friday, 29 May 2020, 23:59 CEST. |ICI

HOME
→

MEET
→

LEARN
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RESEARCH
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RRFS →

Join EAN and stay up-to-date with Neurology throughout the year



MORE >

Twitter Feed

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Tweets by @EANNeurology

European Academy of Neurology @EANNeurology

Join the #EANteam. become a member and



Virtual Opening



2019-2020: „annus horribilis“



Franz Fazekas



COVID-19

Burden of Neurology – Neurologists in Europe



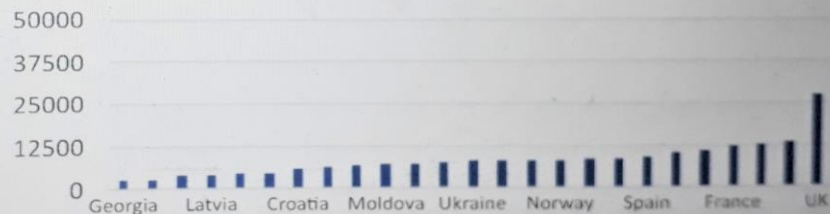
First cause of disability
Second cause of death
in the world

Feigin et al. Lancet Neurol 2019

Third cause of disability
Third cause of death
in Europe

Deuschl et al. in preparation

Europe: 85,000 neurologists
(on average 10,000 patients/neurologist)



Deuschl et al., in preparation

Thank you to the Local Organising Committee



Marie Vidailhet



Jean-Louis Mas



Bruno Dubois



Louise Tyvaert



Sandra Vukuzic

The EAN Board



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Franz Fazekas



ACTING PRESIDENT
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EDUCATION COMMITTEE
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COMMUNICATION COMMITTEE
Dafin Muresanu



SCIENTIFIC COMMITTEE
Marie Vidailhet

Our partners

European Brain
Council (EBC)

European Federation
of Neurological
Associations (EFNA)

European Medical
Agency (EMA)

BioMed Alliance

Subspecialty
Societies

African Academy of
Neurology (AFAN)

American Academy
of Neurology (AAN)

Asian Oceanic
Association of
Neurology (AOAN)

Pan-American
Neurological Society

Pan-Arab Union of
Neurologists (PAUNS)

World Health
Organisation (WHO)

World Federation of
Neurology (WFN)

Virtual Opening

Vision and Mission of the EAN

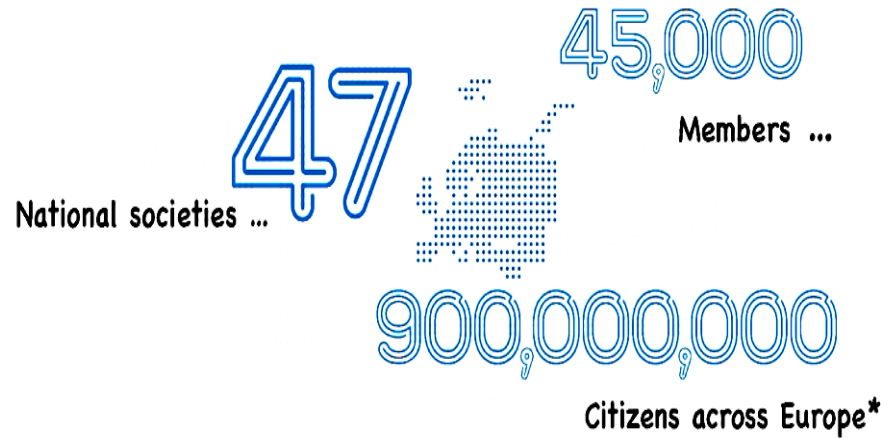


Vision: Be the home of neurology and advance high quality patient care
Mission: Reduce the burden of neurological diseases



Tony Marson

18:30	Opening Video
18:32	Claudio Bassetti President's Address
18:52	Claudio Bassetti Welcome to the Virtual Congress
18:55	Anthony Marson Announcement Opening Speaker
18:57	Yann LeCun Keynote lecture
19:27	Claudio Bassetti Presentation of Honorary Member



* according to WHO definition of Europe

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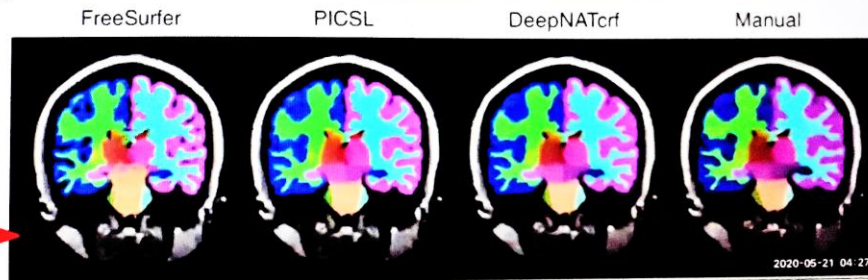
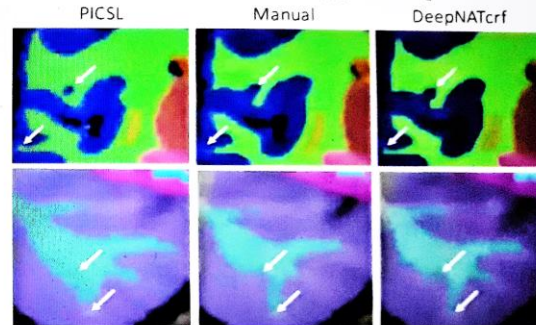
The Deep Learning Revolution

Speech recognition: 2010
Image recognition: 2013
Natural language processing: 2015

Deep Learning & ConvNets in Neurology

[Valliani et al. "Deep Learning and Neurology: A Systematic Review", Neurology and Therapy, 2019]

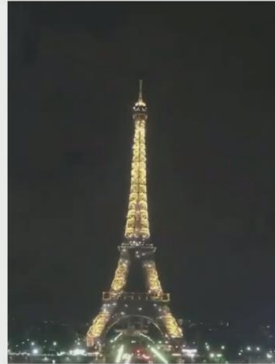
- ▶ **Seizure prediction** from intracranial EEG
[Mirowski et al. Clinical neurophysiology 120 (11), 2009]
 - ▶ **Neuroimaging:**
 - ▶ Detection
 - ▶ brain tumors, glioma, intracranial hemorrhage, cranial fracture,...
 - ▶ Diagnosis
 - ▶ Alzheimer's disease, dementia
 - ▶ Segmentation of MR images
 - ▶ Blood vessels,
 - ▶ perivascular space,...
 - ▶ Anatomical regions
- "DeepNat & DeepNATcrf"
[Wachinger et al. 2017]



Enjoy the fantastic 2020 EAN congress  ean
the home of neurology



ean congress virtual
2020



Marie Vidailhet

Virtual Opening

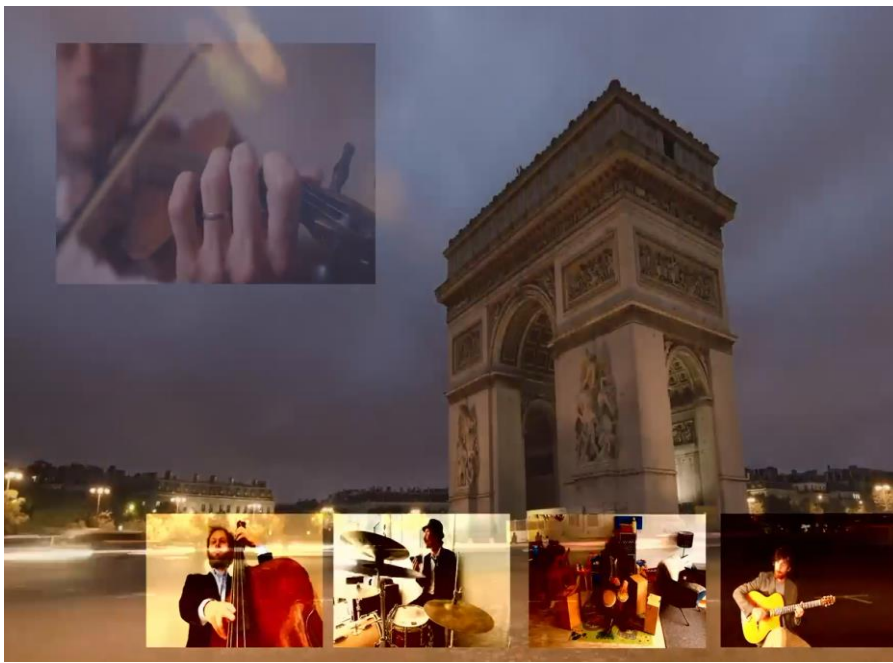
ean congress virtual
2020

Charles Warlow, EAN Honorary Member 2020



- 1968 Medical Degree, London, UK
Cambridge University, St. Georges' Hospital
General Medical Training
- 1971 Aberdeen, Lecturer in Medicine
- 1974 Neurology Training, London
- 1976 Oxford Stroke Team
- 1987 Edinburgh, Chair of Neurology
- 2008 Retirement

Virtual Opening



The Virtual World EAN in 2020

Join us
and become a member
of our community

Join us
and be passionately
curious

Join us
to promote excellence
in neurology

Vienna
2021

June 19 - 22

Helsinki
2022

June 4 - 7

 **ean**
Resident and Research
Fellow Section - RRFs

Join us and start
building your professional
network now



Congress Yoga

EAN VIRTUAL
YOGA ROOM

#STAYHOMEDOYOGA

EAN Social Virtual Gallery - #EAN2020



EAN Junior Suite

 **ean**
european academy of neurology



EAN- Behind the Scenes:

Time Lapse @ EAN Headoffice Virtual Congress Technical set-up



EAN Live Stream



Programme Overview



Saturday
23.05.2020

Sunday
24.05.2020

Monday
25.05.2020

Tuesday
26.05.2020

**Industry Network
Neurohood**



EAN ePoster Area

Kindly supported by 



EAN Booth



EAN Creative

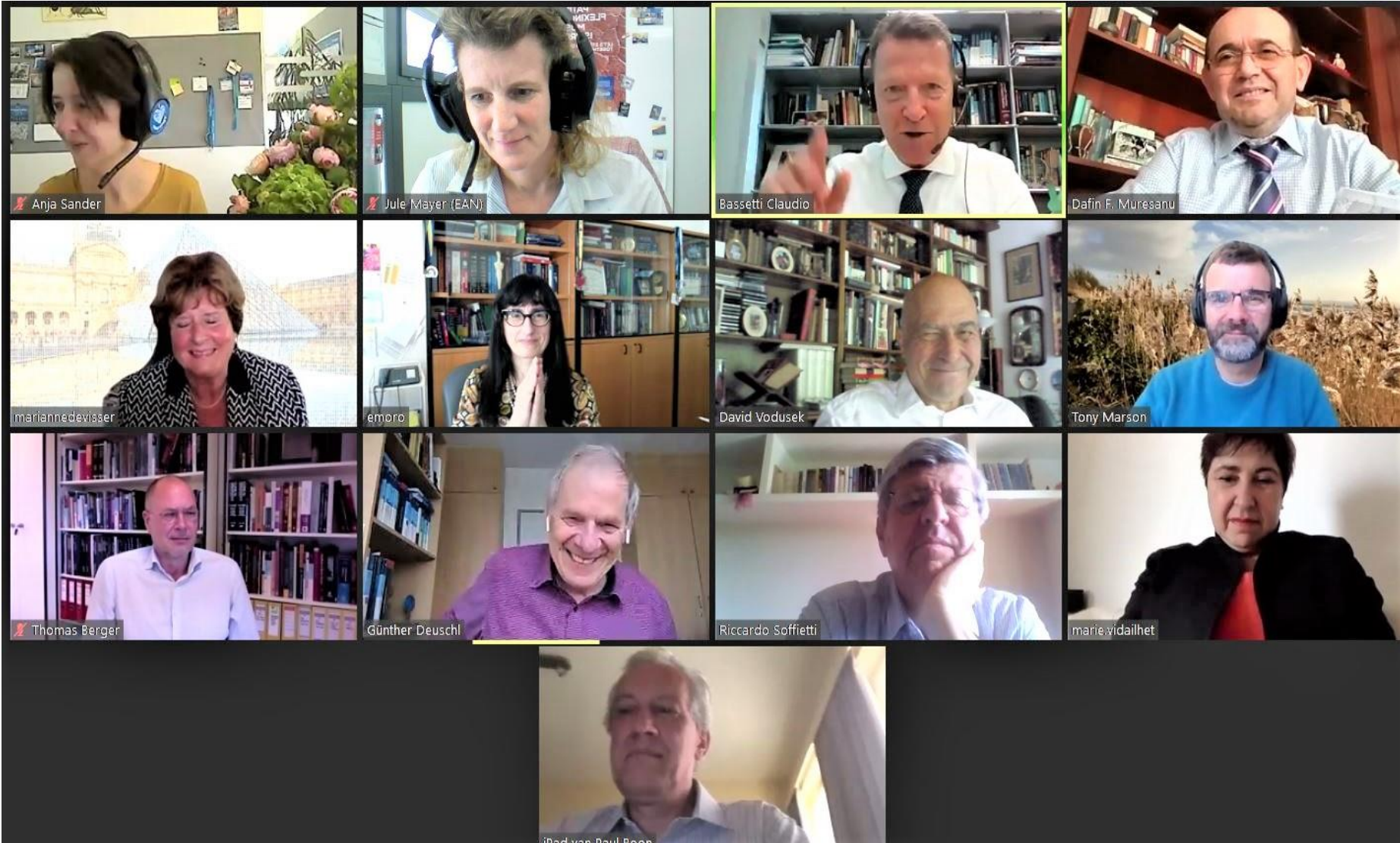


EAN BrainChallenge



Watch Opening Session





EAN – Board and Committees



Africa TF



Claudia Sommer



Julia Mayer (EAN)



Elena



erich



David Garcia Azorin



Roland Wiest



Cristian Falup-Pecurariu



Celia



EAN Learn (Magda Dohnalova)



Milija Mijajlovic

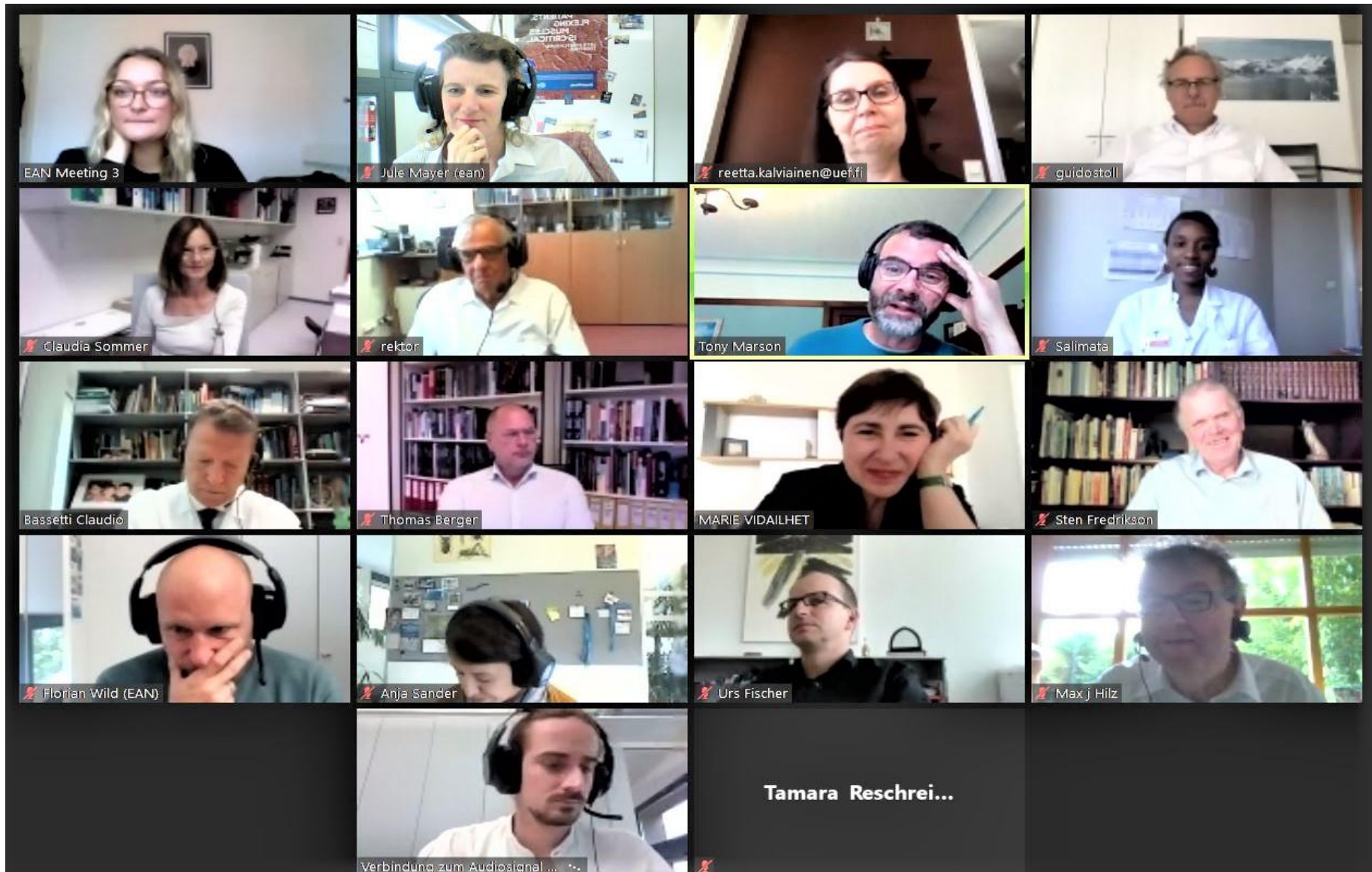


eveline sipido (EAN)



Μαρια Σταμελου

Teaching Course Sub-Committee



Programme Committee

Congress Sessions - Excerpts

Room Amsterdam Motor neurone diseases

18:30 - 19:35

There have been no drug-related AEs leading to withdrawal or treatment discontinuation*

	Risdiplam (n=41)
Patients with at least one AE, n (%)	41 (100)
Total number of AEs	254
Total number of deaths, n (%)	3 (7)
AE with fatal outcome ¹	3 (7)
SAE	24 (59)
SAE leading to withdrawal from treatment	0
SAE leading to dose modification/interruption	1 (2)
Treatment-related SAE	0
AE leading to withdrawal from treatment	0
AE leading to dose modification/interruption	2 (5)
Treatment-related AE	7 (17)
Related AE leading to withdrawal from treatment	0
Related AE leading to dose modification/interruption	0
Grade 3-5 AE	22 (54)

*Up to data cut-off: 14 Nov 2019. ¹Fatal events were reported in three infants: (1) Pneumonia with fatal outcome on study Day 51 in male infant aged 4.5 months at first dose; (2) Acute respiratory failure on study Day 89 in male infant aged 6.9 months at first dose, related to Type 1 SMA and medical history of concurrent illness (thoracic cage deformity, probably infection); (3) Pneumonia with fatal outcome on study Day 79 in male infant aged 4.6 months at first dose. Events reported as unrelated to risdiplam and secondary to SMA-related respiratory complications. AE, adverse event; SAE, serious AE; SMA, spinal muscular atrophy.

- The most frequent AE was upper respiratory tract infection
- The most common SAE was pneumonia

The incidence of serious pneumonia declined by approximately half between first and second 6-month periods



No risdiplam-associated ophthalmologic findings were observed



Skin events were non-serious and resolved with ongoing treatment



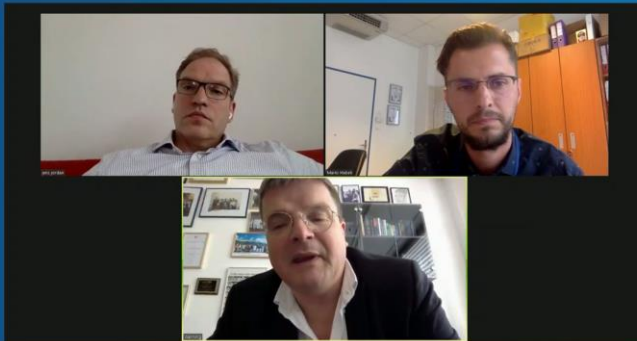
Giovanni Baranello

FIREFISH Part 2: Efficacy and safety of risdiplam (RG7916) in infants with Type 1 spinal muscular atrophy (SMA)

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

15:00 - 17:00

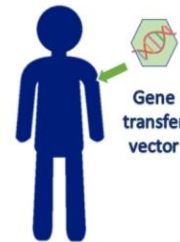


Mario Habek

Clinical implications of autonomic nervous system dysfunction in multiple sclerosis

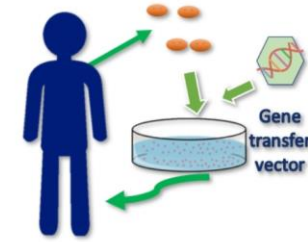
Gene delivery Strategies

In vivo gene therapy



Monogenic disorders in post-mitotic tissues
Adeno-associated virus derived vectors (AAV)

Ex vivo gene therapy



Proliferating cells
Retroviral vectors

*Patient hematopoietic stem cells (HSC)

Room Paris
15:00 - 18:15

Recovery from mild traumatic brain injury and repetitive concussions - Level 3



Nicole von Steinbuechel
Sequels of mild traumatic brain injury (TBI)

Congress Sessions - Excerpts

Nadine Attal
Therapeutic cannabis: is it really helpful for neuropathic pain? - CONTRA

Questions & Answers ¹

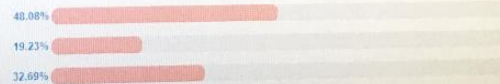
Interactive Polling ¹

Evaluation

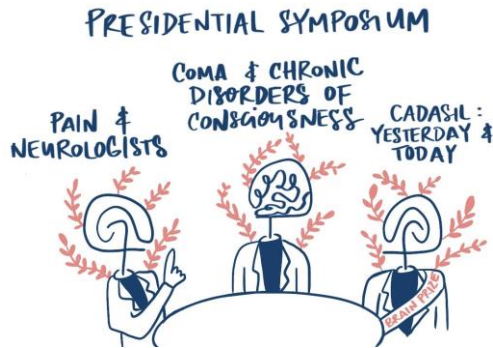
Access other Live-session ¹²

What opinion do you take? (Before)

- 1. I am Pro
- 2. I am Con
- 3. No answer



Presidential Symposium - Named Lectures -



Lundbeck Foundation

The Brain Prize Lecture

CADASIL: yesterday, today and tomorrow

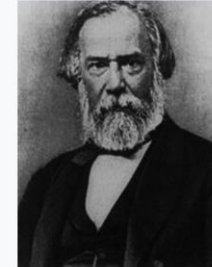
Hugues Chabriat, Paris, France



Moritz Romberg Lecture

Pain and neurologists: never too late

Giorgio Cruccu, Rome, Italy



Charles-Édouard Brown-Séquard
Lecture

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

Steven Laureys, Liège, Belgium



Moritz Romberg Lecture

Giorgio Cruccu

Pain and neurologists:
never too late



The Brain Prize Lecture

Hugues Chabriat

CADASIL: yesterday, today
and tomorrow



Eduard Brown-Sequard Lecture

Steven Laureys

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

Room Paris
13:00 - 14:30

Challenges for women in neurology



- 13:00 Njideka Okubadejo**
Challenges for women in neurology 1
- 13:31 Cristina Tassorelli**
Challenges for women in neurology 2
- 13:58 Nathalie Nasr**
Challenges for women in neurology 3

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LIVE

Fullscreen



Instagram

Vor 1 Tag · Übersetzung anzeigen



eaneurology

Questions & Answers ⁴

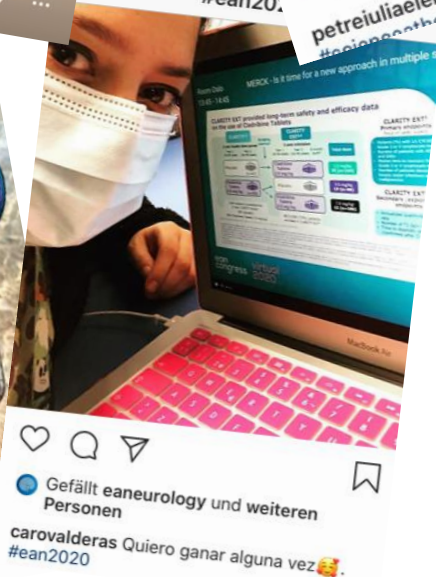
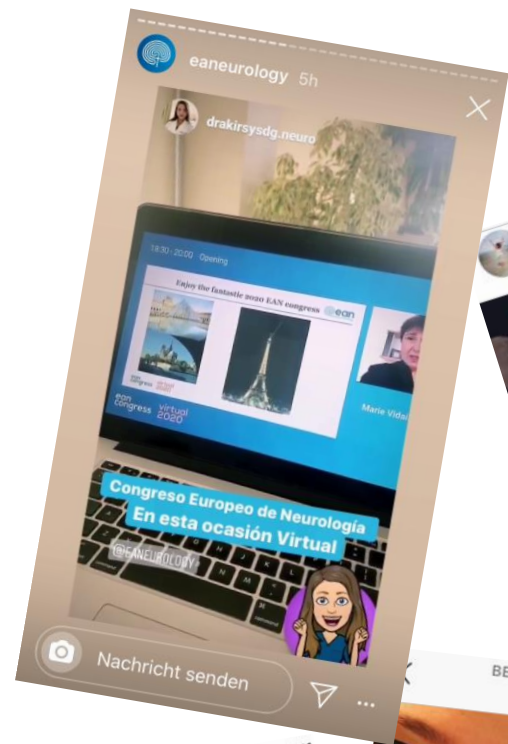
Interactive Polling

Evaluation

Access other Live session ¹²



Promotion by Social Media



Brain Challenge – Online Quiz


Take part in this years' 4-day online game!

ean BRAIN challenge


Challenge yourself and get as many points as possible.
The competition is on!

ean congress virtual 2020

Your moderators



Marie Vidailhet,
MD, Prof, FEAN
Paris, France



Bastiaan Bloem,
MD, Prof Nijmegen
The Netherlands

CHOOSE A CHALLENGE

PROVOKE ME		STRONG CONNECTION	
100	200	100	200
300	400	300	400
HOW TO STOP		EVERYTHING OR ANYTHING	
100	200	100	200
570	400	300	400

Highlights and Breaking News

Main Auditorium Highlights of the congress and breaking news
10:30 - 12:30

Projects

- Teaching course 2021 (How to write a scientific article. D Leys & C Sommer)
- Symposium (Gut, microbioma and neurology. K Vonck, A Chan & M Edwards) with a call for articles on this topic.
- Named lectures EAN meeting 2020 and 2021.
- New guidelines
- Podcasts / Videcasts (1/month)
- Social media



Videocasts



Didier Leys
European Journal of Neurology
the home for your research

Highlights of the Congress



Stroke
Yannick Béjot

Movement Disorders
Pascal Derkinderen

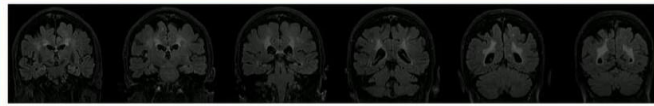
Epilepsy
Louise Tyvaert

Neuromuscular Diseases
Louis Querol Gutierrez

Dementia
David Wallon

Highlights and Breaking News

Main Auditorium Highlights of the congress and breaking news
10:30 - 12:30



Mechanisms of apathy in small vessel disease (SVD)

Youssef Saleh, Campbell le Heron, Michele Veldsman, Daniel Drew, Olivia Plant, Ursula Schulz, Arjune Sen, Sanjay Manohar, Peter Rothwell and Masud Husain
Nuffield Department of Clinical Neuroscience, University of Oxford



Youssef Saleh
Tournament Clinical Winner

Main Auditorium Highlights of the congress and breaking news
10:30 - 12:30

ean congress Virtual 2020 Highlights - STROKE - ACUTE THERAPY ean

Post-thrombolysis early neurological deterioration in minor strokes with large vessel occlusion

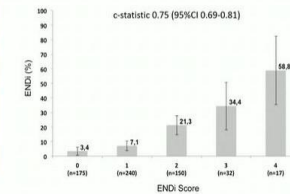
P Seners, Paris

- Retrospective / 2015-2018 / 45 French stroke centres
- Inclusion criteria (729 patients)
 - NIHSS \leq 6
 - Occlusion ICA, M1, M2, basilar artery
 - IV-thrombolysis & mechanical thrombectomy

Early Neurological Deterioration (END) NIHSS score increase \geq 4 pts within the first 24 hours AND No parenchymal hemorrhage on follow-up imaging and No identified alternative cause

ENDI Score :

Category	Points
Thrombus length	
<9mm	0
\geq 9mm	1
Occlusion site	
M2	0
Distal M1	1
Proximal M1 or tandem or basilar	2
ICA-T/L	3



Yannick Béjot
Stroke

Main Auditorium Highlights of the congress and breaking news
10:30 - 12:30

Highlights in 5 points

- Status Epilepticus
- AEDs
- Autoimmune Epilepsy
- Genetic testing
- SUDEP



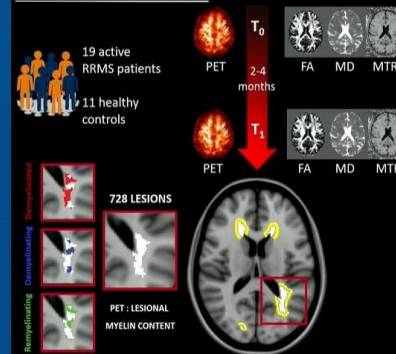
« Time is Brain »



Louise Tyvaert
Epilepsy

Main Auditorium Highlights of the congress and breaking news
10:30 - 12:30

SUBJECTS AND METHODS



Vito AG Ricigliano
Tournament Basic Winner

Closing Ceremony

Outgoing EAN Board Members



Co-opted Member
David B. Vodusek



Past President
Günther Deuschl



Secretary General
Marianne de Visser



Claudio Bassetti

MAIN AUDITORIUM

Hand-over of Presidency



Günther Deuschl
2014 - 2018

Claudio Bassetti
2020 - 2022

Franz Fazekas
2018 - 2020



Günther Deuschl

BOARD 2020 on the Map



Highlights of 4 Fantastic Virtual Congress Days

Overarching theme

CAN WE PROTECT AND REPAIR THE BRAIN AFTER STROKE?

STRATEGIES TO FIGHT BRAIN DISEASES:
NON-COMMUNICABLE BRAIN DISEASES & UNIVERSAL HEALTH CARE COVERAGE

TIME FOR ACTION
PREDICT PREVENT PROGRESS
2020

VIRTUAL CONGRESS

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Highlights day 1

EA/N/AAN SESSION ON COVID-19

NEUROLOGICAL IMPLICATIONS OF COVID-19

INFECTION DISEASES

PRESIDENTIAL SYMPOSIUM

PAIN & NEUROLOGISTS

COMA & CHRONIC DISORDERS OF CONSCIOUSNESS

CADASIL: YESTERDAY & TODAY

PREDICTION, PREVENTION AND PERSONALISED TREATMENT APPROACHES OF NEURO-MUSCULAR DISORDERS

TIME FOR ACTION
PREDICT PREVENT PROGRESS
2020

VIRTUAL CONGRESS

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European Academy of Neurology

Highlights day 2

CHALLENGES FOR WOMEN IN NEUROLOGY

New guidelines

NEUROLOGICAL IMPLICATIONS OF COVID-19

INFLAMMATION & STROKE PREVENTION

DISABILITY PROGRESSION IN MULTIPLE SCLEROSIS

HUNTINGTON'S DISEASE

EPILEPSY SURGERY

HISTORY OF NEUROSCIENCE: TOURETTE SYNDROM, LOCALISATION, NEUROPATHOLOGY

TIME FOR ACTION
PREDICT PREVENT PROGRESS
2020

VIRTUAL CONGRESS

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European Academy of Neurology

Highlights day 3

PLenary symposium

FITNESS TO DRIVE IN NEUROLOGICAL DISORDERS

NEURODEGENERATIVE DISORDERS

HUMAN BRAIN

STROKE

RELEVANCE OF SEX DIFFERENCES IN NEUROLOGICAL DISORDERS

NON-ALZHEIMER PATHOLOGY IN THE ELDERLY

EPILEPSY & PHARMACO-RESISTANT PATIENTS

EA/N/AAN: STROKE MANAGEMENT - WHAT AFRICA CAN TELL US

THROMBOLYSIS & THROMBECTOMY

ADAPTING STROKE GUIDELINES

REHABILITATION IN RESOURCE-POOR SETTINGS

TIME FOR ACTION
PREDICT PREVENT PROGRESS
2020

VIRTUAL CONGRESS

ean
European Academy of Neurology

Highlights day 4

Thank you & see you next year

VIENNA 21

@ EAN Headoffice



Thanks to the EAN Staff



Executive Director
Anja Sander



→ See you all at the 7th EAN Congress in Vienna



→ Again Virtual

→ Again Virtual

→ Again Virtual