

9th Congress of the European Academy of Neurology

July 1-4, 2023

- Introduction
- **Management group (MG) & Co-chairs election** Autumn 2023
Discuss who will (re-)apply, encourage members
- Inform Panel Members on your submitted **Annual Report & Plan of Action**
- **Cooperation with other societies**
 - Update from EANM (EANM Representative to EAN: Nelleke Tolboom; EAN Representative to EANM Neuroimaging Committee: Maria A. Rocca)
 - Update from EPA (Representative: Umberto Volpe)
 - Update from EPNS (Representative: Anna Jansen)
 - Update on further Collaborations (ESNR etc.)
- **Educational Activities**
E-learning: Annual review, Virtual master class, Webinars, Podcasts
- **EAN eCommunication** – Panel Contributions (Neurology Updates, Update of the Panel page on EAN.org, Scales and Scores, etc.)
- **Topic proposals submission, EAN Congress – Helsinki 2024**
(Final submission deadline for Management Group: July 24, 2023)
- Any other business

Neuroimaging Management Group

Role	First Name	Last Name	Joined in	Years Left	Can rejoin MG ?	Eligible as co-chair ?
Co-chair	Maria Assunta	Rocca	2022	4	TRUE	TRUE
Co-chair	Roland	Wiest	2022	4	TRUE	TRUE
Management group member	Bogdan	Draganski	2022	4	TRUE	TRUE
Management group member	Christian	Enzinger	2018	0	FALSE	FALSE
Management group member	Nicola	Pavese	2020	2	TRUE	TRUE
Management group member	Irena	Rektorova	2020	2	TRUE	TRUE
EANM Representative	Nelleke	Tolbom	2022	4	TRUE	TRUE
RRFS Representative	Edoardo Gioele	Spinelli	2020	2	TRUE	TRUE

Discussed during the meeting:

Elections for MG representatives will be in October. Encouragement to panel members to apply as active representatives for the MG

Call for applications will open in September

Neuroimaging Management Group / Task Subdivision

Congress Preparation: M. Rocca, R. Wiest, N. Pavese

eCommunication: N. Pavese, B. Draganski, E. Spinelli

Guideline Production: M. Rocca, C. Enzinger*

Educational Activities: I. Rektorova, B. Draganski, N. Pavese

EU Affairs: B. Draganski, R. Wiest

* To be replaced

EAN Neuroimaging Panel - EANM

- **MoU with EANM (signed in 2020)**
- **EANM representative: N. Tolboom**
- **EAN Representative to EANM Neuroimaging Committee (Observer): M.A. Rocca**

- **Joint EANM/EAN Teaching Course at 9th EAN Congress in Budapest: EAN/EANM: The dementias: Diagnosis and management**
- **Scientific Theatre: EANM: Nuclear Neuroimaging: A comprehensive update of the latest developments in the field**

- **Plan of action:**
 - Joined proposal for 10th EAN congress:**
Advanced MRI & Aminoacid PET in Neurooncology?
 - Joint proposal for EANM 2024 congress: September 2024**
 - Organization of joint webinars**

Endorsed by the panel

N. Tolboom and M. Rocca will work on a joint proposal

EAN Neuroimaging Panel - ESNR

- **Memorandum of Understanding: signed**
- **ESNR representative: NN**
- **Observer: Proposal R. Wiest (ESNR member)**
- **9th EAN congress 2023:**
 - Joined proposals for 9th EAN congress**
 - CON:** Automated decision support in Neurology - ready for routine?
 - TC:**Diagnosis of vascular cognitive impairment: the present and future

Plan of action:

Endorsed joint proposals for 10th EAN congress:

TC Degenerative disorders & neoplasms of the spine (ETRN gap): TC

TC Diagnosis and therapy of cerebral aneurysm (ETRN gap): FW

TC Diagnosis and therapy of AVMs – from Newborns to the Elderly: FW

Joint guideline production: ARIA

9th EAN congress 2023

Proposals

SYMP 2

FW 5

TC 7

CON 3

HOC

CBW 2

SPS

IAS

CDS

Total Proposals: 17

**Joint Proposals with other
Panels: 11**

Accepted Proposals: 6

(CON 1, FW 1, TC 2, SYMP 1, CBW 1)

Legend:

SYMP Symposium

FW Focused Workshop

TC Teaching Course

CON Controversy

HOC Hands-on Course

CBW Case-based Workshop

IAS Interactive Session

CDS Career-Development Session

Abstract submitted: 41

eCommunication submissions

Scales and scores	0
Registrar's reading	0
Breaking news	0
Neuro updates 2022/23	3 (Rocca 1, Spinelli 2)
<ul style="list-style-type: none">- Glymphatic system impairment may contribute to MS pathology- Characterizing amyloid-positive individuals with persistent normal tau PET levels- Diffusion MRI in preclinical Alzheimer's disease	
Panel page update	0
Milestone paper	1 (Draganski)

N. Pavese will work on the next 3 neuro updates

All panel members invited to alert and/or report the other items in the list

Accelerated Brain Volume Loss Caused by Anti- β -Amyloid Drugs: A Systematic Review and Meta-analysis

Education

Research Fellowship Review 2023	7
Spring School speakers proposed	0
Brain Challenge case proposals	2 (5)

elearning

Annual review	1
Clinical cases	2
Exam questions	20
Virtual master class	0
Webinar	0
Podcasts	4

Missing 1 masterclass from Pavese

Cooperation with other Societies

MoU with EANM, EANM representative: Nelleke Tolboom

EAN Representative to EANM Neuroimaging Committee (Observer): M. Rocca

Joint EAN/EANM Teaching Course (1)

EANM Scientific Theatre Presentation at the 9th EAN Congress (1)

Joint Session at EANM Multidisciplinary Days 2022

MoU with ESNR: signed

Anna Jansen, EPNS Representative

Umberto Volpe, EPA Representative

Discussion about a possible cooperation with the ISMRM
The presidents of the two societies should start the interaction, in case of interest

10th EAN congress 2024

EAN SP Neuroimaging proposals:

Session type	Focused Workshop (FW) Joint with EANM; EAN SP Dementia / Cognitive disorders
Title	Dementia and concomitant proteinopathies
Proposer	EAN SP Neuroimaging (N. Tolboom)
Chairperson	Federico Massa
Programme	Concomitant proteinopathies: Insight from fluid biomarkers and pathology - Markus Otto, Halle/Saale, Germany, M What imaging biomarkers can tell us in vivo - Donatienne van Weehaeghe, Gent, Belgium, F Clinical aspects and therapeutic considerations - Federico Massa, Genoa, Italy, M
Session type	Focused Workshop (FW)
Title	Glymphatic System in Brain Health and Disease
Proposer	EAN SP Neuroimaging (B. Draganski)
Chairperson	Kallweit
Programme	Brain's uncharted territory - the glymphatic system - Nedergaard, Copenhagen, Denmark, F Glymphatic system failure in neurodegeneration - Lundgaard, Lund, Sweden, F Non-invasive imaging of the glymphatic system - Eide, Oslo, Norway, M

Final submission deadline for Management Group: July 24, 2023

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EAN SP Neuroimaging proposals:

Session type	Teaching Course (TC): this will be shared with the neurosonology and neurophysiology panel
Title	Novel methods for establishing reference values in EDx and NMUS
Proposer	EAN SP Neuroimaging (Nens van Alfen)
Chairperson	Kristian Bernhard Nilsen
Programme	<u>Reference values in clinical neurophysiology 101: which types, how to collect, how to interpret?</u> - Jeremy Bland, Canterbury, United Kingdom, M <u>Moving beyond population references in nerve conduction studies: the Norwegain DIGMINE project</u> - Kristian Bernhard Nilsen, Oslo, Norway, M <u>The use and misuse of nerve ultrasound reference values</u> - Nens van Alfen, Nijmegen, Netherlands, F <u>Facilitating quantitative muscle ultrasound implementation: the Dutch MMC project</u> - Martijn Tannemaat, M
Session type	Teaching Course (TC): this will be submitted as WS, removing the introduction
Title	Advances in clinical MRI - new methods to solve old problems
Proposer	EAN SP Neuroimaging (B. Draganski)
Chairperson	Roland Wiest
Programme	<u>Introduction into MRI: advanced MRI and image analysis</u> - Dorothee Auer, Nottingham, UK, F <u>Advances in structural MRI - disease monitoring</u> - Federica Agosta, Milano, Italy, F <u>Advances in functional MRI: blood flow and hemodynamics</u> - Dorothee Saur, Leipzig, Germany, F <u>Advances in MR technology - the added value of ultrahigh field MRI</u> - Roland Wiest, Bern, Switzerland, M

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EAN SP Neuroimaging proposals:

Session type	Controversy (CON): approved Joint with EAN SP Multiple sclerosis
Title	Should spinal cord MRI be acquired for MS diagnosis and monitoring?
Proposer	EAN SP Neuroimaging (M. Filippi)
Chairperson	Massimo Filippi
Programme	<u>Should spinal cord MRI be acquired for MS diagnosis and monitoring?: Yes</u> - Cristina Granziera, Basel, Switzerland, F <u>Should spinal cord MRI be acquired for MS diagnosis and monitoring? No</u> - Alex Rovira, Barcelona, Spain, M

Individual member proposals:

Session type	Focused Workshop (FW)
Title	Neuroimaging Biomarkers in Alzheimer's and Parkinson's Disease
Proposer	Thilo van Eimeren
Chairperson	Thilo van Eimeren
Programme	<u>Unleashing the Potential of Functional MRI in Alzheimer's and Parkinson's Disease</u> - Irena Rektorová, Brno, Czech Republic, F <u>Seeing the Invisible: Uncovering the Role of Structural MRI in Alzheimer's and Parkinson's Disease</u> - Stephane Lehericy, Paris, F <u>Frontiers of Molecular Biomarkers in Alzheimer's and Parkinson's Disease</u> - Elena Rodriguez-Vieitez, Stockholm, Sweden, F <u>Combining Imaging and Fluid Biomarkers to Unlock New Insights into Alzheimer's and Parkinson's Disease</u> - Thilo van Eimeren, Cologne, Germany, M

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Individual member proposals submitted to the Panel:

Session type	Teaching Course (TC): approved Joint with European Society of Neuroradiology ESNR ?
Title	Spine degenerative-tumor session
Proposer	ESNR + EAN SP NI
Chairperson	Luigi Manfrè
Programme	<u>Clinical syndromes and NeuroRadiological correlation in Spine degenerative diseases</u> - Anelia Dietmann, Bern, Switzerland, F, (junior speaker) <u>Degenerative disease of the Spine: conventional and advanced imaging</u> - Johan Van Goethem, Antwerp, Belgium, M <u>Advanced imaging in primary and secondary Spine Tumors</u> - Adrian Kastler, Grenoble, France, M <u>Image-guided spine treatments in Spine degenerative and Tumor disease</u> - Luigi Manfrè, Viagrande (CT), Italy, M
Session type	Teaching Course (TC): attempt will be devoted to avoid overlaps among the different proposals
Title	Neuroimaging in Movement Disorders
Proposer	Irena Rektorova
Chairperson	Angelo Antonini and Irena Rektorova
Programme	<u>MRI in parkinsonism and prodromal synucleinopathies</u> - Irena Rektorova, Czech Republic, F <u>Molecular imaging in parkinsonian and hyperkinetic movement disorders</u> - Tomaž Rus, Slovenia, M, (junior speaker) <u>Imaging red flags in hyperkinetic movement disorders: practical lessons</u> - Angelo Antonini, Italy, M <u>Imaging as progression markers and outcome markers in clinical trials of movement disorders – are we ready?</u> – Silvia Morbelli, Italy, F

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Additional proposal discussed:

- Teaching Course on Motor neuron disease proposed by the ALS-FTD panel (Spinelli): endorsed
- WS on cognitive reserve in collaboration with Higher Cortical Functions Panel: Rocca and Rektorova will prepare the draft
- WS on functional and structural plasticity following motor and cognitive rehabilitation: Rocca and Spinelli will prepare the draft

Plan of Action

Additional proposal suggestion

Deadline: July 14th

Taskforce ARIA:

1. ESNR & EAN : Meeting at ESNR (Format, RW will meet ESNR)
2. Request to EAN Guideline Production Group

Homepage update (e communcation): Pavese

Panel member election (replacement of Chris Enzinger)

Online meeting management group (Tuesday October 3rd, 16.30-18.00)

Neuroimaging Panel FtoF participants

