



# EUROPEAN SOCIETY OF NEURORADIOLOGY

## DIAGNOSTIC AND INTERVENTIONAL

# NEWSLETTER

ISSUE 4

## Welcome to the autumn issue of the ESNR Newsletter

Welcome to our fourth issue of the members' Newsletter and the last one for 2017. The 40th Annual Meeting in Malmö was a great success and I would like to personally congratulate Professor Pia M. Sundgren for her commitment and achievements.

The Newsletter provides news and activities of the ESNR and is intended to be an instrument of communication between members. If there are any topics you would like us to cover in future issues, please let us know.

The entire Newsletter will be archived on the ESNR website in the 'ESNR publications' section for continuing and easy access to all the information included here.

**Núria Bargalló**

Chair of the Social Media Committee.

### Topics

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## President's Letter



*Dr Alex Rovira Cañellas*

A very warm welcome to the fourth issue of the 2017 ESNR Newsletter.

Last September, ESNR hosted its Annual Congress in Malmö. This meeting provided extensive scientific information and networking opportunities, and informal feedback suggests that it was very well perceived by attendees. I would like to particularly thank Professor Pia M. Sundgren, for organizing what I consider to be one of the best ESNR congresses ever. She, together with all members of the scientific committee, ESNR executive members, ESNR central office staff, and Dekon staff (the professional congress organization, put a huge amount of effort, dedication and passion into organizing this event.

After the ESNR 2017 election process that took place last September, I would like to welcome the new Executive Committee members; Luigi Manfre as the new chairperson of the Spine Committee, and Naci Koçer as the new chairperson of the Interventional Committee. I would also like to congratulate Andrea Rossi, Tarek Yousry, Bernhard Schuknecht and Pia M. Sundgren for being re-elected for a second term as Executive Committee members. I also want to thank the dedication and hard work of two officers who have now finished their mandate; Olav Jansen as Chairperson of the Interventional Committee, and Mario Muto as Chairperson of the Spine Committee. It has been a great pleasure to work with both of them over the years.

I hope that you will have the opportunity to enjoy the end-of-year break, and prepare yourselves for all the activities planned by ESNR for 2018.

I wish all ESNR members a happy and healthy New Year.

*Dr Alex Rovira Cañellas*

President of the ESNR



## Report of the 40th ESNR Annual Meeting and 8th Advanced Course in Endovascular and Interventional Neuroradiology in Malmö, Sweden, 13 -17 September 2017

The 40th ESNR Annual Congress was held in Malmö, Sweden from 13–17 September 2017, under the successful Presidency of Professor Pia Maly Sundgren. The meeting was sponsored by nine industry representatives and attended by 722 participants, from 60 different countries all over the world.

The conference started with a half day pre-course in CSF diseases, which was very well attended with participants filling the room and standing at the back. The following day Her Majesty the Queen of Sweden opened the 24th Advanced Course in Diagnostic Neuroradiology and the 9th Advanced Course in Interventional Neuroradiology, which were devoted to neurodegenerative disease and stroke management respectively.

The final written and oral exams for the European Diploma in Neuroradiology (EDiNR) took place on 13 September with 115 examinees from over 20 countries being examined, of which the majority passed. At the same time 17 candidates sat the European Diploma in Paediatric Neuroradiology (EDiPNR).

Many interesting topics of diagnostic neuroradiology were discussed during the conference, including vascular, psychiatric/neurodegenerative,

metabolic/toxic, white matter, infectious, new insights in paediatric imaging, and spinal diseases, as well as the application of new advanced imaging techniques and standardization. Four joint sessions with other societies were held: the 'ESNR-ESNHR' dedicated to head and neck tumours; the 'ESNR-ASSR' dedicated to spine imaging and treatment; the 'ESNR-ASNR' with focus on psychiatric disorders, and the 'ESNR-ASP NR' dedicated to vascular disorders in children. The morning sessions always began with interactive case presentations in paediatric, head and neck, spine and interventional topics. The Swedish Society of Neuroradiology held the Togny Greitz lecture given by Professor Harnsberger from the US. This year's keynote speakers were Professors Anne Osborn, Mark van Buchem, Mauricio Castillo, and Staffan Holmin.

During the conference, 84 selected abstracts were presented orally, divided into five categories: 42 diagnostic, 20 interventional, seven head and neck, 12 paediatric and three spinal. In addition, 135,100 e-posters were also presented.

A Diploma ceremony led by Professor Tali, CEO, EBNR, EDiNR and EDiPNR was given to candidates who had passed their exams.



*Prof Pia Maly Sundgren*

ESNR Congress President 2017



## New Honorary Members of the ESNR, 2017

The Honorary Membership ceremony took place during the 40th Annual Meeting in Malmö. Prof. Jan Wilmink and Prof. Gilberto Gonzalez were presented their awards by Prof. Pia Maly Sundgren and Prof. Alex Rovira, respectively. They received the awards for their outstanding contribution to neuroradiology during their long and successful professional careers.

### Prof. Jan Wilmink

Jan Wilmink was born in the Netherlands and spent his childhood in South Africa. He studied medicine at the University of Groningen. This was followed by an 18-month period of national service in the Neurology Department of the Central Military hospital in Utrecht, before formal post-graduate training in neurology between 1972– 1976. He became absorbed by neuroradiology during his temporary appointment at the

Neuroradiology Department in Groningen, and he decided to undergo an additional period of radiological training between 1979–1982. Professor Wilmink returned to the Department of Neuroradiology in Groningen and became its head in 1987, following on from Lourens Penning. In 1990 he accepted an invitation to take the post of Professor of Neuroradiology in the new University Hospital at Maastricht, and stayed on in this position until his retirement in 2007. Since his formal retirement he has remained active in his profession with part-time appointments in the MRI Centre, Amsterdam, and TeleConsult Europe.

His main fields of interest are neuroradiology, especially spinal imaging. In 1988 he obtained a Ph.D. degree with his doctoral dissertation entitled 'Radiology of Sciatica'.

Jan Wilmink has authored or co-authored more than 100 peer-reviewed scientific papers and eight book chapters. He is author

of a book entitled 'Lumbar spinal imaging in radicular pain and related conditions: understanding diagnostic images in a clinical context' published by Springer in 2009. He has supervised the theses of six Ph.D. candidates and participated in the thesis assessment committee of many others. He has extensive teaching experience, both national and also transcontinental, with regular teaching visits to the Caribbean region and Indonesia, as well as more incidental teaching excursions. He has also been invited to participate in European courses (such as the Erasmus course and the European Congress of Radiology courses) besides giving numerous presentations at various scientific meetings.

Professor Wilmink is an active member of many scientific societies and organizations and has held office in the Dutch and European Societies of Neuroradiology, most recently as chairman of the Scientific Awards Committee of the European Society of Neuroradiology (ESNR) from 2009–2012. He served as National Delegate for the





Netherlands in the ESNR from 2001–2007, and also as a member of the Nomenclature Committee of the American Association of Spinal Radiologists, as well as a member of the Working Group on Lumbar Radicular Syndrome of the Netherlands Health Council. He has served on the Editorial Board of the journals 'Neuroradiology' and 'Clinical Neurology and Neurosurgery', and has acted as referee for these journals, as well as for 'European Radiology' and 'Acta Orthopædica Scandinavica'.

Jan is a loyal friend of neuroradiology, a gentleman and an excellent advocate for our field.



### **Dr. Gilberto Gonzalez**

Dr. Gilberto Gonzalez has been awarded 2017 ESNR Honorary Membership for his outstanding contribution to neuroradiology during his long and successful professional career.

Dr. Gilberto Gonzalez was born and raised in the Arizona-Mexico border town of Nogales, in the heart of the Great Sonoran Desert. After medical school, he trained in radiology at the Brigham and Women's Hospital in Boston, and he was recruited to join the faculty at the Massachusetts General Hospital (MGH) where he joined the MGH NMR Center. While developing a research group at the NMR Center, he also did a fellowship in neuroradiology at the MGH and subsequently joined its Neuroradiology Division. He was called to lead the Neuroradiology Division in 1995 and he has been its Chief ever since.

Collaborating with many talented people, he had a very interesting research career in Boston, including helping to understand the mechanisms of neuronal injury in AIDS, and applying advanced CT and MRI in the clinical management of acute ischemic stroke.

Dr. Gilberto Gonzalez has published over 200 original, peer-reviewed scientific papers, over 100 chapters and reviews, and three books. He has published in the areas of ischemic stroke, brain tumours, cerebral haemorrhage, AIDS, dementia and Alzheimer's disease, has received research funding from the NIH, foundations and medical enterprises, and has given over 150 invited lectures at universities and at scientific meetings in the US, Europe, Latin America and Asia. He has received several honours, including the Outstanding Researcher Award from the American Society of Neuroradiology, and has given the Taveras (Harvard), Newton (UCSF) and Wood (UNC) Lectures. Dr. González has been on the editorial board of the American Journal of Neuroradiology and Neurosurgery and is an ad hoc reviewer for many journals, including the New England Journal of Medicine, The Lancet, Radiology and Stroke.



## Announcement of the XXI Symposium Neuroradiologicum

Taipei, Taiwan, 19 - 23 March 2018

Dear ESNR members,

Our warmest greetings from Taipei!

The upcoming XXIth Symposium Neuroradiologicum will grace springtime Taipei, at the International Convention Center, between 19–23 March, 2018. It is co-hosted by the Japanese Society of Neuroradiology, the Korean Society of Neuroradiology, and Head & Neck Radiology.

The theme of the upcoming symposium, 'One World, One Family', illustrates our belief that the event in Taipei will be a game-changer: since the first assembly in Belgium in 1939, only a handful of events have been hosted outside the European continent. But with Taipei – one of Asia's most enchanting capital cities – organizing the XXIth Symposium, you can anticipate stimulating sessions, hands-on workshops, speeches by acclaimed national and international speakers, and an exciting itinerary of social events.

Further, Neuroradiologicum has an abiding tradition of recognizing that excellence in this specialty can only progress with concerted efforts to share perspectives, the latest findings, and cutting-edge technologies that cover all aspects of the specialty; thus, the chosen theme of 'One World, One Family', to underpin the spirit of the symposium in Taipei.

Now, we offer our sincerest welcome to Taipei to all of you, a city that makes sense of all that is contrastive yet wonderful: here, you can expect the world's most advanced metro systems, and cultural marvels that date back thousands of years; what is more, you will be blown away by Taipei's jaw-dropping culinary diversity, where food is considered a religion. The city is also home to some of Asia's most tourism-worthy destinations and along your travels, you can sample the Taipei citizens' hospitality that international bloggers rave about.

Finally, we offer our greatest appreciation for the encouragement of the neuroradiological communities worldwide. Your support has given us a strong foothold in the international neuroradiological medical profession; your participation, therefore, will be key to the success of the XXIth Symposium Neuroradiologicum.

We look forward to seeing you in Taipei!

*Professor Wan-Yuo GUO, M.D., Ph.D.*

Symposium President



Please visit the website  
for online registration:  
<http://www.snr2018.org/>



# The 41st ESNR Annual Meeting and 10th Advanced Course in Endovascular and Interventional Neuroradiology Rotterdam, Netherlands, 19 - 23 September 2018

The 41st ESNR Annual Meeting and 10th Advanced Course in Diagnostic and Interventional Neuroradiology will take place from 19–23 September in Rotterdam, the Netherlands.

Prepare to be inspired by world-renowned keynote speakers, the latest scientific insights, and most importantly, your colleagues! With advanced courses in 'Imaging techniques in Neuroradiology: here and beyond!' and 'Neurovascular lesions: to treat or not to treat?', an inspiring educational programme is kicked off on 20 September, which will continue throughout the Annual Meeting. In honour of the opening of the newly built Erasmus MC as the most modern hospital in Europe, the pre-conference symposium on 19 September is themed 'Hospital of the Future'.

Rotterdam is a wonderfully dynamic city in the south-west of the Netherlands. It has recently been named by both the *New York Times* and *Lonely Planet* as one of the top ten places to visit, boasting fascinating modern architecture, including the brand-new train station and its surroundings, world-class museums and festivals, top bars and restaurants, amazing river views, and a stunning market hall. Rotterdam is very easy to reach from Schiphol Airport, with fast trains every 15 minutes taking you to the centre of Rotterdam in less than 30 minutes. English is spoken widely in the Netherlands. The congress centre 'De Doelen' and the adjoining congress hotel (Marriott) are located directly opposite the train station, right within the city centre.

Keep an eye on our website (<http://www.esnr.org>) where the preliminary programme will be posted soon. Registration and abstract submissions are expected to open within the coming month.

**Abstract submission deadline: 12 April 2018.**

Follow @ESNRad and @MarionSmits on Twitter to stay informed on the latest #ESNR2018 updates!



*The 41st ESNR  
Annual Meeting and  
10th Advanced  
Course in  
Diagnostic and  
Interventional  
Neuroradiology:  
Port to Inspiration*



## ESNR Awards in Diagnostic and Interventional Neuroradiology and the Lucien Appel Prize 2017

In 2017, the three ESNR Scientific Awards for the achievements of young neuroradiologists were presented for the ninth time. The Lucien Appel Prize of the ESNR honoured the best research paper and the ESNR prizes in honour of the 'Pioneers and Past Presidents' were awarded to the best submitted diagnostic and interventional papers. For 2017, the Executive Committee of the ESNR has decided to honour Erik Lindgren with the diagnostic award and Marco Leonardi with the interventional prize. The laureates for all three awards receive a prize of € 4,000 each, and free registration at the ESNR Annual Congress in Malmö, where they presented their work.



### Lucien Appel Prize 2017

The laureate for 2017 was **Dr. Domenico Tortora** from Genoa, Italy, with his paper 'Variability of Cerebral Deep Venous System in Preterm and Term Neonates Evaluated on MR SWI Venography' by D. Tortora, M. Severino, M. Malova, A. Parodi, G. Morana, L.A. Ramenghi, A. Rossi (AJNR American Journal of Neuroradiology 2016; 37: 2144-2149).

Dr. Domenico Tortora was born in Casoli, Italy, in 1984. He received his Medical Degree at the University of Chieti in 2009 with the thesis 'Role of advanced MR techniques in characterization and follow up of brain tumours'. From 2010 to 2015 he was resident in Radiology at the University of Chieti and has since then worked in a research position at Gaslini Children's Hospital, Genoa, Italy, under the supervision of Andrea Rossi. Dr. Tortora has authored and co-authored 24 papers and was awarded the prize for the best oral presentations on the 'Role of very high field advanced imaging techniques in grading gliomas', 'Brain perfusion of preterm and term born neonates', 'DTI study of the white matter in paediatric patients with holoprosencephaly', and 'Role of arterial spin-labelling in paediatric patients with moyamoya'.



### ESNR Prize in Honour of the Pioneers and Past Presidents Diagnostic Neuroradiology 2017 in Honour of Erik Lindgren

The laureate for 2017 was **Dr. David Fällmar** from Uppsala, Sweden, with his paper 'Arterial spin labeling-based Z-maps have high specificity and positive predictive value for neurodegenerative dementia compared to FDG-PET' by D. Fällmar, S. Haller, J. Lilja, T. Danfors, L. Kilander, N. Tolboom, K. Egger, E. Kellner, P.M. Croon, S. C. J. Verfaillie, B. N. M. van Berckel, R. Ossenkoppele, F. Barkhof, E.M. Larsson. (European Radiology online 3 April 2017).

Dr. David Fällmar was born in Uppsala, Sweden, in 1980. He studied cognitive science and medicine at the universities of Umea and Uppsala between 1999 and 2006. He then spent four years in neurology and psychiatry before he became resident and Ph.D. student in radiology with focus on neuroradiology at the University of Uppsala. He has published six papers so far, mainly on advanced imaging techniques.



### ESNR Prize in Honour of the Pioneers and Past Presidents Interventional Neuroradiology 2017 in Honour of Marco Leonardi

The laureate for 2017 was Dr. Johannes Kaesmacher from Munich, Germany, with his paper 'Thrombus Migration in the Middle Cerebral Artery: Incidence, Imaging Signs, and Impact on Success of Endovascular Thrombectomy' by J. Kaesmacher, C. Maegerlein, M. Kaesmacher, C. Zimmer, H. Poppert, B. Friedrich, T. Boeckh-Behrens, J. F. Kleine; (Journal of the American Heart Association online 15 February 2017).

Dr. Johannes Kaesmacher was born in Dormagen, Germany, in 1988. Between 2007 and 2014, he studied Medicine at the Ludwig-Maximilians and Technical Universities at Munich, Germany, and in Houston and New York, USA, supported by a Weill-Cornell-Scholarship. He finished his Doctoral Thesis on 'Proteome analysis to identify mitochondrial contact sites' in 2012. Since 2015, he has been resident and research fellow at the Department of Neuroradiology, Technical University in Munich, Germany. He has authored and co-authored 17 papers, mainly in the field of interventional neuroradiology.





## XIII Annual Congress of the Portuguese Neuroradiology Society

The 2017 Annual Congress of the Portuguese Neuroradiology Society (SPNR) was held in Estarreja, the home town of the angiography pioneer Prof. Egas Moniz. This year congress celebrated the 90th anniversary of the first world cerebral angiography performed by this Portuguese neuroscientist.

The XIIIth annual congress was part of a larger activity organized by the SPNR entitled 'The Brain Week'. The Brain Week took place between 31 May and 6 June, 2017, gathering more than 300 participants and being endorsed by the Portuguese Medical Association, all the medical universities, among other universities, and medical and scientific organizations. The SPNR deciding to organize more than just a congress, and included a full week's programme that incorporated a wide neuroscience scientific programme, as well as cultural, artistic and social activities, the main objective being to promote a close relationship between all the neuroscience specialties, the other medical fields, the medical physics and bioengineers and also the university community and local population.

The Brain Week was an innovative and successful model of medical congress going beyond the regular scientific sessions and gathering several activities around a medical congress, from history to science, and from sports to art, and widening the circle of target participants to all neuroscience medical doctors and researchers, as well as to other fields of medicine, and even the general public.

The XIIth Annual SPNR congress took place between 1–3 June, with more than 50 papers presented by foreign invited guests and professors: Karel terBrugge from Toronto, Canada; José Guilherme Pereira Caldas from São Paulo, Brazil; Alex Rovira from Barcelona, Spain; and Bernhard Schuknecht from Zurich, Switzerland. The scientific sessions of the congress were transmitted by live streaming to Brazil, as part of the existing cooperation protocol between the two national (Portuguese and Brazilian) neuroradiology societies. The congress also included two courses on Interventional Neuroradiology and Advanced Multimodal Imaging for residents and young Neuroradiologists, and two neuroscience workshops ('Brain: Technology and softs skills' and 'Multimodal Imaging in Neuroscience'), with the participation of different field neuroscientists, physics and medical bioengineers.

The SPNR had the opportunity to release two new books: 'Os trilhos da Neurorradiologia, 90 anos após a 1ª angiografia cerebral', devoted to the evolution of Portuguese neuroradiology after the invention of the first cerebral angiography, and 'The legacy of Egas Moniz in present-day Neuroradiology – Universal Perspective after the first Cerebral Angiography', with the collaboration of several neuroradiologists from around the world.



*Pedro Vilela, Former President of SPNR; Alex Rovira, ESNR President; and Pedro Melo Freitas, President of the Brain Week 2017 Organizing Committee, in front of the table where Prof. Egas Moniz performed the world's first cerebral angiography in 1927*

*Pedro Vilela*

Former President of SPNR

*Pedro Melo Freitas*

President of the Brain Week  
2017 Organizing Committee



## Upcoming ESNR Courses

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ESNR is pleased to announce the following upcoming ESNR courses:

### 2<sup>ND</sup> LEVEL; EUROPEAN COURSE IN NEURORADIOLOGY (ECNR)



ECNR European Course in Neuroradiology,  
Diagnostic and Interventional

14th Cycle, Module 4: Trauma and Degenerative Diseases

MAY 2018, ANTWERP, BELGIUM

Registration opens soon at [www.esnr.org](http://www.esnr.org)

### 3<sup>RD</sup> LEVEL; ADVANCED COURSES – ESNR COURSES IN HIGHER QUALIFICATIONS



European Course on Paediatric Neuroradiology

9<sup>TH</sup> Cycle, Module 1

20–24 JANUARY 2018, ATHENS, GREECE

[www.ecpnr.org](http://www.ecpnr.org)

More information on all these courses and others can be found at [www.esnr.org](http://www.esnr.org), or by emailing ESNR at [info@esnr.org](mailto:info@esnr.org)

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*If you have any feedback you would like to offer on this newsletter, or suggestions for future topics, please e-mail [info@esnr.org](mailto:info@esnr.org)*