Welcome to the summer issue of the ESNR Newsletter

Welcome to the Summer ESNR Newsletter. This is the time of year to enjoy a well-deserved vacation and to renew energy levels in anticipation of the last semester of the year when the ESNR’s most important event will take place: the Annual Meeting. This year we look forward to welcoming you in September to the city of Rotterdam.

Looking back rather than forward, during the first semester of the year several ESONR educational activities successfully took place, including the last course of the 14th Cycle of the ECNR in Antwerp and Module 1 of the 9th Cycle of Paediatric Neuroradiology in Athens. We will also continue to offer more educational courses during the latter part of the year with Module I of the 15th Cycle of the ECNR in Dubrovnik and the 9th Advanced Course in Spine Neuroradiology in Malta. You will find more information about these in this Newsletter.

The Newsletter also provides news and activities relating to 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 do let us know.

All Newsletters are archived on the ESNR website in the section entitled ‘ESNR publications’ in order to facilitate easy and permanent access to the information.

Núria Bargalló
Chair of the Social Media Committee
President’s Letter

Welcome to the third ESNR Newsletter of 2018. This is a busy time of year for ESNR as it prepares for the 41st ESNR Annual Meeting, which takes place in Rotterdam on 19–23 September. This year’s Congress looks to be another exciting meeting with many excellent educational and scientific presentations in the field of Diagnostic and Interventional Neuroradiology, which will attract many attendees, not only from Europe, but also from many non-European countries. Particular thanks go to Prof. Marion Smits (Congress President) and to all members of the Scientific Committee for their hard work and great enthusiasm in preparing for this year’s Congress. I really believe that the 2018 ESNR Annual Meeting will be the best ever in the history of our Society.

The 2018 ESNR Annual Meeting will be the second ever held in the Netherlands, a country that has contributed much to research and education in Neuroradiology. Many excellent Dutch Neuroradiologists have made important contributions in this radiological field, and it is therefore appropriate that the Netherlands again hosts an ESNR Congress, after the first one organized by Prof. J. Valk in Amsterdam in 1985.

As President of ESNR, I am extremely happy and proud that ESNR continues to take a leadership role in Neuroradiology in Europe. The increase in the number of individual and institutional members, the great success of our educational courses, and the increasing number of members that received the European Diploma in Neuroradiology (EDiNR), clearly reflects the strength and growth of our Society.

I hope that you find this newsletter informative and will be encouraged to attend what should be an excellent ESNR Annual Meeting.

Dr Alex Rovira Cañellas
President of the ESNR
Interview with Prof. Marion Smits
President of the 41st ESNR Annual Meeting and 25th Advanced Course in Diagnostic Neuroradiology and the 10th Advanced Course in Interventional Neuroradiology in Rotterdam, The Netherlands, 19-23 September 2018

Yelda Özsunar, a member of the European Society of Neuroradiology's Social Media Committee, interviewed Prof. Marion Smits, President of the 41st Annual Meeting of the ESNR which will be held in Rotterdam, the Netherlands between 19–23 September 2018. The 25th Advanced Course in Diagnostic Neuroradiology and the 10th Advanced Course in Interventional Neuroradiology will also take place during this period.

The following questions and Prof. M. Smits’ answers will be of interest to anyone considering attending the meeting.

**Y. Özsunar:** Why did you choose the city of Rotterdam to host attendees of the 41st ESNR meeting?

**M. Smits:** That's easy: I have lived and worked in Rotterdam since 2000, when I started my training in Radiology and my PhD research, and I am deeply in love with this city. I moved around a lot before I came to live here, even as a child, so until I moved here I didn’t really have a place I would have called my home town. But now I do: Rotterdam is my home. It is a very dynamic, vibrant, young city, very down to earth and outspoken, a true melting pot of cultures: not just geographically (we have over 170 nationalities in Rotterdam), but also of people's interests... From one street to the next you can find yourself walking into a completely different world, from the beautiful sea merchant houses of our Golden Age to current street culture with a bit of a rough edge. I think it is therefore the perfect location to host an international meeting, where we want to learn from, and be inspired by, people who all have their own vision on the world and their field. We chose 'Port of Inspiration' as the theme for this conference, referring of course to Rotterdam being the largest port in Europe, and to our aim of inspiring everyone attending the conference.

**Y. Özsunar:** Can you tell me a little about Erasmus, or more precisely, Desiderius Erasmus Roterodamus? Why is Erasmus important for the city of Rotterdam? How are science in the Netherlands and Europe influenced by his scientific and philosophic vision?

**M. Smits:** Well, speaking of inspiration. I believe Erasmus is one of the most inspiring people who ever lived. Although it is not entirely certain, Erasmus was probably born in or near Rotterdam, as his full name implies, and he lived here for a while. But, in the true spirit of Rotterdam’s multicultural population, he stated that we are all ‘citizens of the world’. You will find another one of his quotes at Rotterdam’s central station, saying ‘distance separates bodies, not minds’. His name is, of course, very well known to the European student exchange programme, which again I feel is so important: seeing different cultures, learning to see other people’s points of view, opens your mind and that’s what science needs. Not only science of course, but that's another subject!
Y. Özsunar: How and why is this meeting important for Neuroradiologists and the field of Neuroradiology in the Netherlands? Can you tell us briefly about the problems and achievements of Neuroradiologists in your country?

M. Smits: It is such an honour for us to host this meeting here in the Netherlands! We have a very active Neuroradiological community, and all our Fellows follow the ECNR course programme, so we feel very connected to the ESNR. But it's only the second time that the ESNR has had its annual meeting with us, so we're absolutely thrilled! I think the problems we face are very universal: the workload is ever increasing, while there is less and less funding, but overall I know that we are very fortunate to have so many good institutions with excellent and well-established Neuroradiologists and so much talent. We are a small country, which means we maybe lack the power of numbers, but it gives us the huge advantage of being able to work together fairly easily. Probably the best-known recent success story is the MRCLEAN study, which was only possible through the fantastic collaboration of many centres across the nation.

Y. Özsunar: What are the important features of this meeting? Who will obtain the most benefit from this congress? What do you recommend to residents who are not so familiar with the programme?

M. Smits: We have aimed to make this a meeting for everyone: for people who are still early in their careers, for general radiologists who have an interest in Neuroradiology, and for Neuroradiologists who have been in the field for a while. To the residents I very much recommend the interactive case sessions in the morning – these will be a fun and practical start to each conference day. I think the advanced courses will be of interest to all of us as they highlight new developments and practical problems that all of us have to deal with, whatever our level. You will see that we’ve taken a slightly different approach to many of the educational sessions, to enforce a bit of interaction between fields. So, for instance, we have not got a dedicated session on dementia or brain tumours, but instead you will find that various aspects of these diseases are spread across sessions, where they are combined with similar aspects of other diseases. This way we hope to bring topics and people together to learn from each other, as they would otherwise have remained separate.

Y. Özsunar: Are there novel or highlighted topics in the scientific programme?

M. Smits: What’s new this year are the so-called ‘new horizons’ sessions: these are scientific sessions dedicated to one particular topic, and which start with a keynote lecture on what is currently happening in this particular field. We hope this brings together both the experts in the field and those who want to learn more about it, and this will help them to engage with each other. Furthermore, we will have a set of fun and dynamic ‘poster pitch’ sessions, where lots of people will get to pitch their poster very briefly, resulting in a broad overview of what’s on offer in the poster area and, of course, the current research highlights in Neuroradiology. I would also like to highlight the opening lecture (during the opening ceremony) and the keynote lectures: these will be given by people who have personally inspired me, and I am sure they will inspire everyone else too!

Y. Özsunar: I know that you expend a lot of effort encouraging Neuroradiologists within the Society to socialise and exchange ideas, as well as to improving relationships with other related scientific organisations and disciplines. Will you continue to do that at this meeting? If so, what are your plans?
M. Smits: Absolutely! As I said earlier, by taking a slightly different approach to the educational and scientific programme I’m hoping we can get people together who would otherwise maybe not meet. Also, the welcome reception and farewell dinner and party, which will be held at the SS Rotterdam, a beautifully restored cruise ship, will provide ample opportunity for people to meet and socialise. I’ve tried to put a lot of new talents on stage, and I hope that they will form a bridge between the established experts in our field and those who have just entered Neuroradiology. With regards to other organisations and disciplines, as you know I am Vice President of the European Society for Magnetic Resonance in Medicine and Biology (ESMRMB), and that link will be quite visible. Through this position, and also as a past course director in the European School of MRI, I know a lot of excellent MRI teachers, and I’ve found some of the best willing to teach at our advanced course and in our educational programme. I would like to specifically highlight Professor Mark Griswold: he is the founding father of MR fingerprinting, which is a technique that will revolutionise MR imaging, and eventually our field as well. It is an immense honour that he has accepted our invitation to give a keynote lecture, and I really encourage everyone to come and listen: I guarantee you will be deeply inspired and won’t think of MRI in quite the same way afterwards!

Y. Özsunar: Perhaps you could tell us how participants of this meeting can also enjoy the city of Rotterdam?

M. Smits: Well, by staying a few days longer because there won’t be much time during the conference! Just kidding… The city has a lot to offer, but don’t expect a typical Dutch city with canals, windmills and a central square with bars and terraces. Most of Rotterdam’s city centre was destroyed in World War II, after which the canals were filled with rubble, and the city centre was rebuilt. You will still find a lot of historic sights outside the city centre, which are not very far and certainly worth your while, such as the Oude Haven (Old Harbour) and Delfshaven (Delft Harbour). There are plenty of museums for lovers of art and photography, but my personal highlights are really the city’s architecture and the port. A walk through town and along the river will give you a great overview of the beautiful, and sometimes quite unexpected, sights, such as the new market hall, cube houses, bridges and skyline. For the runners amongst us: go to the riverbank! There are boat trips (with Spido) to the port, which is really very impressive, and definitely worth a visit. The main area for bars and restaurants is Witte de Withstraat, which can get very busy at weekends. For those who like something with a slightly rougher edge, the Fenix Food Factory is a must: there’s exquisite food from all over the world, a microbrewery, a coffee roaster… all in old warehouses and in the area where the sailors used to hang out. Finally, you can’t leave Rotterdam without saying hello to Desiderius Erasmus: you will find him on the Grotekerkplein, right in the city centre.

Y. Özsunar: Thank you very much for this interview. The Publication and Social Media Committee wishes everyone at the 41st Annual Meeting of the ESNR a successful, joyful and interesting congress.

Follow @ESNRad and @MarionSmits on Twitter and ESNR on Facebook to stay informed on the latest #ESNR2018 updates.
On behalf of the Executive Committee of the ESNR, we wish to advise you that the following candidates applied for the Vice President’s position on the ESNR Executive Committee that becomes vacant as from 23 September 2018, the day after the General Assembly of the ESNR and during the ESNR Annual Meeting 2018 to be held in Rotterdam, Netherlands.

The candidates are:

**Pia Maly Sundgren, Lund**

Full Professor of Diagnostic Radiology and Head of the Department of Diagnostic Radiology, Institution for Clinical Sciences, Lund University and Vice-Director for the Lund Bioimaging Centre (LBIC) at Lund University, Lund, Sweden, as well as Senior Consultant at the Section of Neuroradiology, Centre for Imaging and Physiology, Lund University Hospital, Lund, Sweden.

She is currently the Chair of the Committee of Paediatric Neuroradiology at ESNR and a member of the ESNR ExCom. She was the ESNR Congress President in 2017 and arranged a successful Annual Meeting in Malmö, Sweden. She is newly appointed President of the ISMRM. In addition, she is an active member of several boards of national and international societies such as ESR, WFNRS, and RSNA, and holds the EDiNR and EDiPNR.

Prof. Sundgren has extensive experience in paediatric and adult Neuroradiology and is a recognized faculty member on the different ESNR courses, in addition to the IDKD, ERASMUS and Galen courses. She is also a frequently invited lecturer at international events such as the annual meetings of ASNR, ECR, ISMRM and RSNA, among others. She has given over 300 lectures and workshops on various neuro topics.

She is a well-known and accomplished scientific researcher with many PhD students, several funded scientific projects and substantial grant funding, and has a strong track record of published articles and reviews in international journals. Her main research focuses are on advanced MR imaging in brain tumours and auto-immune disease.

Prof. Sundgren has, in recent years, received the following awards for her academic leadership, mentorship and teaching; Michigan Clinical and Translational Research Distinguished Mentor Award (2014), ISMRM Outstanding Teachers Award (2016), and Lund Medical Faculty Minerva Award for Academic Leadership (2018). She is known among her peers for her integrity, loyalty, commitment and dedication.
Tarek Yousry, London

Posts: I started my medical studies in Cairo, Egypt, graduated in Munich and obtained the Qualification from the Ludwig-Maximillians-Universität, Munich, in 1997. In 2001, I was appointed to the Chair of Neuroradiology, Head of the Division of Neuroradiology and Neurophysics and Head of Lysholm Department of Neuroradiology, Queen Square, London.

Research: Documented by more than 250 papers (Radiology, Brain, Lancet Neurology, NEJM), an H-index of 55 and supported by more than £23 million grant income, my research extends from basic science – MR microscopy at 9.4T – to clinical application using advanced MRI techniques to improve diagnosis and treatment of diseases (MS, movement disorders, neuromuscular diseases, brain tumours).

Teaching: Reflecting my very strong interest in teaching, I have established the following:

a) Functional Neuroanatomy course (co-directed with T. Naidich)
b) MSc in Advanced Neuroimaging
c) International Clinical Neuroradiology Fellowship

I am frequently invited to many international conferences including the ESNR courses and conferences.

ESNR: My involvement with ESNR affairs began as Chair of the Publication Committee (2012–15) and Presidential Councillor (2013–14) to President Turgut Tali. My election in 2014 (and subsequent re-election in 2017) to the Chair of the Diagnostic Committee, gave me the opportunity to create a formidable group which developed and realised a very ambitious programme to advance our field, promote the next generation of leaders and advocate civility, diversity and respect. We developed for the first time:

a) Working Groups, leading to ESNR-recommendations/guidelines, the first one being published in 2018 (M. Smits)
b) Level III ECNR courses: Glioma Imaging, which will be repeated with further courses planned for 2019
c) ESNR Scientific Fellowship, which now has three recipients
d) ESNR code of conduct to be first used at the ESNR Conference in Rotterdam.

Symposium Neuroradiologicum: In 2018, I was elected President of the XXIII SNR, London 2026, with our department being the only one to have been selected three times.

We sincerely thank the candidates for their dedication to ESNR and wish them the best for the elections. Voting will be possible via our website from 21 August, 2018 until 20 September, 2018 at 00:00 CET. We thank you in advance for voting and showing your interest in ESNR.
ESNR meets Portugal

Rotterdam, as Port of Inspiration, will host this new ESNR initiative, presided over by Prof. Marion Smits. It is obviously a great honour for Portugal, and for Portuguese Neuroradiology in particular, to initiate this new cycle of tributes to all ESNR member countries. The Portuguese Society of Neuroradiology (SPNR), aware of the value of shared commitment and contribution, has prepared a brief but diverse programme with a real insight into Portugal via our specialty. This includes different lectures, discovering the past, present and future of our specialty, but also about present-day basic and clinical neuroradiological research in our country. It has also prepared a symbolic scientific historic exposition and film exhibition of the world health and neuroimaging diaspora – a brief history of our universal Legacy, including some contributions from Portugal.

Proud of our world-famous neuroscience pioneers, but with the responsibility to publicly make known their historic scientific works and their contribution to the evolution of medical science (with unequivocal evidence in actual neuroradiological procedures), SPNR, in association with Egas Moniz House Museum, printed an exclusive edition to be offered to all participants, to commemorate the 90th anniversary of the first cerebral angiography in vivo on 28 June 1927: The Legacy of Egas Moniz in Present-day Neuroradiology – a global perspective, a book with renowned international contributions and also various historical/documental research.

Because an initiative like ESNR meets Portugal always offers great opportunities for exchanging knowledge, sharing scientific progress and ideas, but is also an excellent occasion to disseminate other cultural national aspects, a typical Fado musical performance will be presented during the event, offering a simple way to celebrate in a multicultural city 2018 – European Year of Cultural Heritage.

Finally, we believe that the already guaranteed success of the Annual Meeting in Rotterdam will undoubtedly be an extension, in another form, of the neuroradiological diasporas initiated by several worldwide pioneers, providing new tools for future specialty challenges, both diagnostic and interventional. With great excitement, the Portuguese Neuroradiology will host the 2020 ESNR Annual Meeting in Lisbon, reinforcing again Portugal, as one homeland of Neuroradiology.

Pedro de Melo-Freitas
The 2018 one-year Research Fellowship Programme in Diagnostic Neuroradiology

Announcement of the winner of the Fellowship: Laura de Jong

Recipient of the 2018 One-Year Research Fellowship Programme in Diagnostic Neuroradiology

The ESNR Neuroradiology Diagnostic Committee has established an annual 12-month Research Fellowship in Diagnostic Neuroradiology with the purpose of stimulating cross-border research exchanges in Neuroradiology across Europe.

In the 2018 call for applicants, we received six applications from across Europe. The 2018 Fellowship was assessed by Professor Stephen Stuckey (Melbourne, Australia), Dr. Antonio Rocha (Sao Paulo, Brazil), Prof Meike Vernooij (Rotterdam, the Netherlands) and Prof Marion Smits (Rotterdam, the Netherlands).

The recipient for 2018 is Dr. Laura de Jong (Leiden, the Netherlands), for her project entitled ‘Value of interictal ASL perfusion in the detection of focal cortical dysplasia’. Dr. de Jong will conduct the project at the Centre Hospitalier Sainte Anne (Paris, France) with support from Prof. Dr. Catherine Oppenheim and Dr. Charles Mellerio.

After her studies in medicine at the Leiden University Medical Centre (LUMC), Dr. de Jong worked for three years as a PhD student at the National Institute on Ageing (Bethesda Maryland, USA), under the supervision of Prof. Mark van Buchem and Dr. Lenore Launer. During this period she gained experience in conducting both clinical and large-scale epidemiological neuro-imaging studies. Subsequently, she finished her training in Radiology at the LUMC with a special focus on neuroradiology.

The 2019 fellowship will be announced shortly. For more information go to www.esnr.org/en/education/fellowships-and-grants/12-months-research-fellowship-in-diagnostic-neuroradiology/

The Diagnostic Committee of the ESNR
Joint session between ESNR and ASNR
ASNR 56th annual Meeting, Vancouver, Canada, 1-6 June, 2018

Once again, and according to the agreement signed between ESNR and ASNR, a joint session between these two societies was organized during the ASNR 56th Annual Meeting, which took place in Vancouver, Canada on 1–6 June, 2018. The session was dedicated to 'Imaging Biomarkers in Vascular Diseases', and ESNR was represented by Meike Vernooij (Rotterdam) and Rolf Jager (London), who made excellent presentations on 'Small Vessel Diseases' and on 'Cerebral Microbleeds and Cortical Superficial Siderosis'. They not only reviewed these topics, but also presented recent research data originating from their own institutions. Finally, Ajay Malhotra, representing ASNR, gave an update of recent studies on the diagnosis and management of brain aneurysms.

The session was very well received, and many of the attendees recognized it as one of the best they had experienced at the meeting. The session was moderated by Osamu Sakai (ASNR) and Àlex Rovira (ESNR President).

Paul M. Parizel awarded the Schinz Medal by the Swiss Society of Radiology

Congratulations to the ESNR's and ESR's Past President, Prof. Dr. Paul M. Parizel, who has been awarded the Schinz Medal by the Swiss Society of Radiology.

Prof. Parizel was presented with the prestigious award, which is the Swiss society's highest honour, in a special ceremony at the Swiss Congress of Radiology which took place in Lausanne, on Friday 11 May 2018.

The image on the left shows Prof. Christoph Becker, Coordinator of International Relations for the Swiss Society of Radiology (left), who gave the laudatory speech, Prof. Paul M. Parizel (centre), and Prof. Dominic Weishaupt (right), who presented the award as President of the Swiss Society of Radiology.
Upcoming ESNR Courses

2ND LEVEL; EUROPEAN COURSE IN NEURORADIOLOGY (ECNR)

EUROPEAN COURSE in NEURORADIOLOGY
Diagnostic and Interventional

15th Cycle, Module 1: Anatomy and Embriology
21–25 OCTOBER 2018, DUBROVNIK, CROATIA

The first module of the new cycle starts in October! The 15th Cycle will be chaired by Prof. Majda M. Thurnher and Prof. Johan Van Goethem. Module 1 is the first meeting to be organized solely by the newly established Meetings Branch of the ESNR Central Office. The course will be held in Dubrovnik, Croatia on 21-25 October, 2018. The course is already fully booked! However, the waiting list is now open as some places may still become available!
Please check our website for further information and for the updated scientific programme.

3rd LEVEL; ADVANCED COURSES – ESNR COURSES IN HIGHER QUALIFICATIONS

The 9th Advanced Course in Spine Neuroradiology will take place in Malta, on 8–10 November 2018, chaired by Prof. Luigi Manfrè - Chairperson of the Subspecialty Committee on Spine Neuroradiology.

Registration to the course is now open – the early bird deadline for registration is 1 August, 2018.

The course will be divided into two days of lectures and a one-day hands-on course performed on phantoms. The exciting scientific programme will cover specific spine topics (degenerative, tumours, trauma etc.), starting from the clinical diagnosis, through to the final correct treatment: diagnostic knowledge & interventional expertise are two sides of the same coin.

World-renowned speakers will provide their know-how and expertise on the latest techniques.

Please check our website www.esnr.org for further information about the venue, accommodation, updated scientific programme and much more.
2ND ADVANCED COURSE IN DIAGNOSTIC NEURORADIOLOGY ON GLIOMA IMAGING

After the success of the first course in Glioma Imaging, 2019 will see the second course taking place in Milan from 22–25 January, chaired by Prof Andrea Fallini.

Similarly to last year, the course will cover important and exciting developments as well as the impact of early diagnosis of gliomas, pre- and intra-operative planning, and post-operative monitoring in terms of clinical management, clinical trials and experimental therapies.

The course will take place at the San Raffaele Congress Centre in Milan.

For further information, please visit our website: www.esnr.org

European Course on Paediatric Neuroradiology
9th Cycle, Module 2
2–6 FEBRUARY 2019, LISBON, PORTUGAL

The ECPNR 9th Cycle’s Module 2 will be held in Lisbon, Portugal, between 2-6 February 2019.

For all information please head to www.ecpnr.org. The registration for the modular examination needs to be carried out separately via www.ebnr.org

Information to ESNR members on organizational rules, data privacy and upcoming elections

Organizational Rules: please note that these have been updated. The full version can be found on https://www.esnr.org/en/about-esnr/statutes-and-organizational-rules/organisational-rules/.

We have updated our privacy policies to comply with the EU General Data Protection Regulation (GDPR). Therefore, the next time you access the ESNR website with your login credentials you will be asked to accept the new Regulations. You can also find them here: https://www.esnr.org/en/about-esnr/statutes-and-organizational-rules/data-privacy-statement-and-agreement/

Upcoming elections: Full and Honorary members will receive an email entitled 'ESNR 2018 Election for Vice-President', where they will be able to vote. The ESNR will conduct the voting process through the company 'simplyvoting'.

If you have any questions or queries, please do not hesitate to contact us at info@esnr.org

If you have any feedback you would like to offer on this newsletter, or suggestions for future topics, please e-mail info@esnr.org