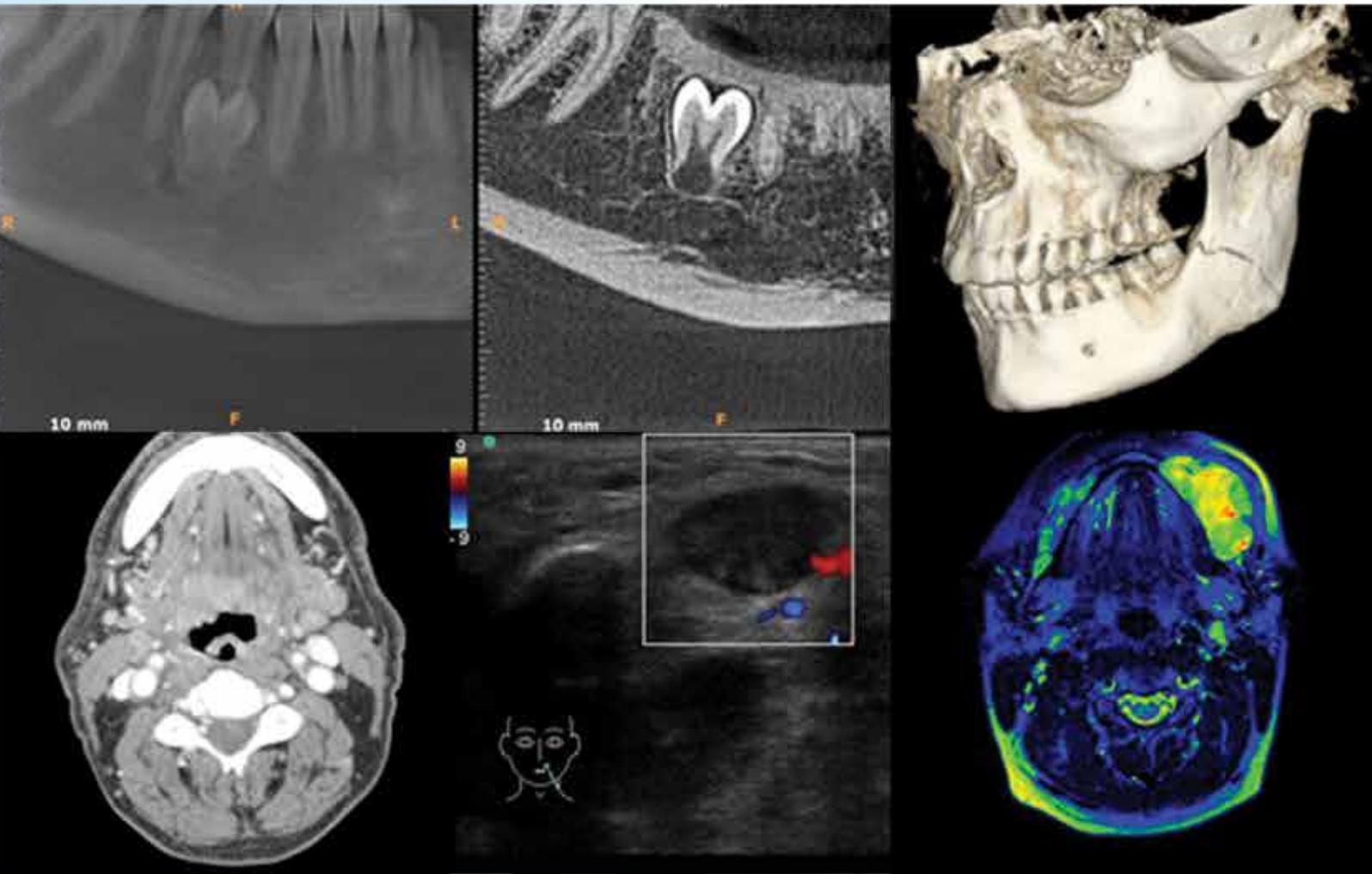


NEWSLETTER

European Academy of
DentoMaxilloFacial Radiology



Issue 14 Spring 2018

June 14 -16
2018

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EADMFR Newsletter

Issue 14, Spring 2018

Editor

Ingrid Różyło-Kalinowska

Editorial



Dear Colleagues, Dear Friends,

This is my one and only privilege to be the Editor of the 2018 Newsletter as the President Elect of the EADMFR. Last year the Newsletter was put together by Keith Horner who did an excellent job as the Editor. However, in 2017 Keith decided to withdraw as President Elect and asked to be replaced. Following his decision the Nominating Committee unanimously suggested my candidacy to take over the position of the President Elect. The members of the Executive Committee have been consulted and were all in favour of the proposal. So I accepted the assignment as vice president of EADMFR with both honour and humbleness, knowing the workload related to this position. I will do my best to serve as President Elect, then taking over from Eva Levring Jäghagen as the President after the general assembly in Lucerne in June 2018 for a two year term, and finally as the Immediate Past President for the following two years.

Although the Academy is increasing its visibility on the Internet (website, Facebook), it is the Newsletter which remains the main method of learning about the activities of the organisation for many EADMFR members, especially in the years between our biannual congresses. Fortunately this year we will all have a chance to meet in Lucerne, Switzerland, in June for the 16th European Congress of Dentomaxillofacial Radiology. Dorothea Dagassan-Berndt and Michael Bornstein as well as their dedicated local organising team take all necessary steps to prepare an up-to-date and most interesting scientific program, preluded by the Pre-Congress course dedicated to the idea of virtual patient from diagnosis to treatment. Please do not miss the report on the coming Congress.

Another extremely important activity of the EADMFR is the Junior Meeting which as always is very popular. This year the 5th Meeting was held in Budapest, Hungary. You can read all about it in the reports of the Head of the Junior Committee – Linda Z. Arvidson, as well as the active junior participants.

It is not my task to repeat the content of the reports of all the Committee Chairs, but when you read them, you will see how many activities are going on in the academy between the meetings. We look forward to learn about the outcomes of their works.

EADMFR membership is not the only one for many of our colleagues as they are also affiliated with societies with the same or overlapping profile of activities such as the International Association of Dento-Maxillo-Facial Radiology (IADMFR) and European Society of Head and Neck Radiology (ESHNR). Therefore in this Newsletter you will find the reports of our representatives who attended the conferences of these two societies in 2017. At the same time I would like to congratulate our distinguished member and Past President of EADMFR, Reinhilde Jacobs, who became the Secretary General of the IADMFR in 2017. The current President of IADMFR, Jie Yang, contributed to our Newsletter highlighting the next International DMFR Congress to be held in Philadelphia, USA in August 2019 – please save the date!

Bernadetta Della Croce on behalf of the AIM Group continues to support the academy sorting out the financial issues, which are of utmost importance before the Congress in Lucerne.

I would like to thank all the Chairs of the academy's Committees, other persons actively working in the EADMFR as well as invited guests like Jie Yang for submitting their superb reports. I do hope that the readers find this Newsletter interesting and it will make you feel more bound with the academy's activities. Last but not least, please have a look at the advertisements of our Partners in this issue as without their support EADMFR would definitely be less effective.

Best wishes to all of you.

Ingrid Różyło-Kalinowska
Newsletter Editor and Vice-President

Cover page: *The radiographs on the cover page illustrate from top on the left: 1) and 2) CBCT images of a supernumerary inferior premolar; 3) 3D CBCT demonstrating mandibular fracture; 4) Contrast-enhanced CT axial slice of oropharyngeal cancer; 5) Colour Doppler ultrasound image of a metastatic lymph node in oral cancer; 6) MRI perfusion axial image of ameloblastoma.*

Message from the President

Dear colleagues and friends,

The 16th European Congress of Dentomaxillofacial Radiology in Lucerne is approaching and I am looking forward to meeting you all there. The local organising committee chaired by Dorothea Dagassan is working hard on preparing an interesting and memorable congress and pre-congress course. Don't miss the opportunity to benefit from that and experience the beautiful Lucerne and Switzerland, 13-16 June 2018.



The second year of my presidency is passing fast, with many tasks and experiences. Last spring the board and I got the challenge to find out how replace the president elect, when professor Keith Horner decided to step down from his assignment. We consulted the constitution and found that in this situation, between congresses without a General assembly to consult, the replacing person should be selected from the executive committee, among officers and chairs of the academy. I am very grateful that professor Ingrid Różyło-Kalinowska from Lublin, Poland, accepted the task. She is a medical DMFR-radiologist, highly merited both clinically and in research, with long experience in the field and as member of the academy. Ingrid has already been engaged in many tasks of the board and it is pleasure to welcome and collaborate with her.

I will also take the opportunity to thank Keith Horner for all his valuable work for the academy and in the board during his year as president elect, I enjoyed collaborating with you.

One of the tasks for the president elect is to edit EADMFRs Newsletter. Ingrid Różyło-Kalinowska has excellently edited the 14th issue of the Newsletter that you are now reading. Thank you Ingrid, for all your efforts to finalise this issue!

A number of colleagues and members of EADMFR are dedicating their valuable free time to work for our academy. This is extremely important for the existence of the academy and I am very grateful to all of you who voluntarily take your time! Special thanks for all support to the officers that I am constantly in contact with, Kaan Orhan, Ingrid Różyło-Kalinowska, Dennis Rottke and Nicholas Drage. Also many thanks to Bart Vandenberghe, chair of the Research and Scientific committee, who has a busy time collaborating with the local organising committee in Lucerne, preparing the scientific program of the congress and to Reinhilde Jacobs, member of the congress committee, who has also been engaged in the preparations of the congress.

The Junior Committee is constantly active and has recently conducted the 5th Junior meeting in Budapest. I am so grateful for the Committee's never-ending contributions to these successful events that are so beneficial for our young members and for promoting DMFR in Europe. Many thanks to Linda Arvidsson who chair the committee, and the members; Kaan Orhan, Ingrid Różyło-Kalinowska, Dennis Rottke, Rose Ngu, François Gabioud, Rubens Spin-Neto and Marius Bud (who couldn't attend this year but still prepared the documentations). Also thanks to the invited speakers; Ralf Schulze, Christina Lindh and Pawel Kalinowski, your contributions are invaluable. Last but not least, my deepest gratitude for the excellent job by the local host Bence Tamas Szabó and to his supporting local team including Adrienn Dobai, Krisztian Csomo, Csaba Dobó Nagy and Levente Pataky. Read more about the meeting in the Junior committee report and the report from a couple of participants.

During the junior meeting in Budapest, part of the Task Force took the opportunity to meet. The Task Force worked with learning outcomes for courses in DMFR. The task is in progress, see the chair of the Task Force Francois Gabioud's report. Thank you François for your continuous efforts and contributions.

Many of you have tried the new system for payment of the membership fee. The academy consists of our members, what we do is for you – and: “don't ask what we can do for you, ask what you can do for the academy”. So, please encourage your colleagues to renew or become members.

This year the number of members from each European country has impact on the number of representatives from the country in EADMFR's central council (CC). So be active in recruiting new members from your country to ensure that your country will be well represented in the CC. I would also like to encourage you to be active members. The academy constantly needs new enthusiastic, active members with passion for DMFR.

Bernadetta Della Croce at AIM group international, is still very professionally handling the academy's administrative tasks, now also including the new routines for payment of the membership fee, administration of the homepage and registration for the coming congresses. Thank you Bernadetta for your dedicated work for the academy - with any large or small task! Also to Sakine Kilic, who is responsible for several duties concerning the coming congress in Lucerne.

The officers of the board have had numerous Skype meetings and we met in Brussels in December to work on and plan our tasks and activities. The Executive committee consisting of the chairs of the academy's committee has also had joint Skype meetings for updates of the activities in the committees – please read all the chairs reports in this issue.

The Education Committee has developed a survey concerning the content of DMFR in the curricula of the dentistry programs in Europe. When the survey reaches your institution, please reply to it. Looking forward to take part of the results.

Last year many of EADMFR's members participated in the 21th ICDMFR held in beautiful Kaohsiung. I would like to send my sincere regards and thanks to professor Li Min Lin and his local organising committee for a successful and interesting congress. During the congress, Reinhilde Jacobs, previous president of EADMFR, stepped on her new assignment as general secretary of the international academy of DMFR. She has already made several achievements for IADMFR and I wish her continuously good luck with the new mission.

Finally, I would like to thank EADMFRs industrial partners, Morita, NewTom/Cefla, Planmeca and 3Shape for supporting EADMFR and making our activities possible. Without your contributions, our achievements wouldn't have been possible.

Looking forward to seeing you in Lucerne, 13-16 June 2018.

Best wishes,

Eva Levring Jäghagen

President EADMFR



The trio of the EADMFR Presidents – present, future and immediate past (from left to right) during the 21st IADMFR Congress in Kaohsiung in 2017

Report from the Nominating Committee

Members

Chair: **Kaan Orhan** (Turkey)

Lennart Flygare (Sweden)

Kostas Tsiklakis (Greece)

According to EADMFR's constitution, the Immediate-Past-President is also the chairman of the nominating committee. The task is to come up with suitable individuals for two very important positions: the secretary and the new president-elect. This committee's activities are focused on identifying potential candidates, who may be able to take a role as officer within our academy. To find new candidates is a job demanding and can be challenging by the appointed officers. We can simply imagine that the proper candidates are the ones from the colleagues which serve our academy, unconditionally and enthusiastically. After the Lucerne congress, our committee will be working towards recognizing individuals, who might potentially be able to take a role as officers within the EADMFR.



As you already acknowledged from our President's Eva Levring Jäghagen e-mail, our president elect in Cardiff meeting Professor Keith Horner decided to withdraw as President Elect. I would like to thank Professor Keith Horner for one year of contribution to EADMFR and for his work as officer. Following this decision, as the officers, Eva Levring Jäghagen (President), Kaan Orhan (Past President), Nicholas Drage (Treasurer), Dennis Rottke (Secretary) have discussed how to solve Keith Horner's withdrawal. According to Article 21 in the constitution "A member of the executive committee, appointed to replace a member who died or resigned from the executive committee, will continue the mandate of his predecessor for the remaining period". We interpret this as one of the EC members can replace a withdrawn officer. As the chair of the nomination committee, I contacted the members of the committee (Kaan Orhan, Kostas Tsiklakis and Lennart Flygare) suggest Professor Ingrid Różyło-Kalinowska (Poland), chair of the specialisation committee, as new President elect. I am very happy to announce that Ingrid has accepted the assignment as vice President of EADMFR for the coming year.

The committee task has not finished yet. We will need to identify the next president elect for upcoming term 2020-2022. Suggestions and further ideas from any of you are very much welcomed at: call53@yahoo.com

With kind regards from Ankara, Turkey

Kaan Orhan, Immediate Past President EADMFR

The Finance Committee

Chair: **Nicholas Drage** (UK)
Dirk Schulze (Germany)



Dear colleagues,

The total assets of EADMFR at the end of 2017 stand at €189,183.15.

EADMFR would like to thank the industrial partners for their financial support. The industrial partners for 2017 were Morita, NewTom, Planmeca and Sirona. In 2018 3Shape become our partner, as well. Some of this money will be used to help finance the ECDMFR meeting being held in Lucerne in June 2018 and for travel grants to allow young researchers to attend the congress.

Details of the financial position are shown on the facing page.

Thanks to Dirk Schulze who is part of the Finance Committee for his support over the last 12 months, and also to Bernadetta Della Croce from AIM for her excellent management of the finances over the past year.

Nick Drage
Treasurer EADMFR

EUROPEAN ACADEMY OF DENTOMAXILLOFACIAL RADIOLOGY

Grensstraat 7
1831 Diegem
Belgium

RPR Brussel: 0838.400.415

Financial statements for the year ended December 31, 2017

A. State of Revenues and Expenses

EXPENSES		REVENUES	
Salaries	0.00	Partnerships	50,000.00
Administrative expenses	43,429.85	Memberships	4,670.00
Other operating charges	0.00	Other operating income	1,450.00
Financial charges	355.12	Financial income	126.10
TOTAL EXPENSES	43,784.97	TOTAL REVENUES	56,146.10

B. Schedule accounting

1. *Summary of the valuation rules* : (Article 6 de l'A.R. du 26 juin 2003)
Nihil
2. *Adapting assessment rules* : (Article 7 de l'A.R. du 26 juin 2003)
Nihil
3. *Supplementary information* : (Article 11 de l'A.R. du 26 juin 2003)
Nihil
4. *minimum standard scheme of the status inheritance*

ASSETS		LIABILITIES	
Land and buildings	0.00	Equity	51,342.48
Plant, machinery and equipment	0.00	Accumulated result	97,161.13
Amounts receivable	20,297.00	Suppliers	18,600.00
Current cash investments	80,323.18	Taxes and remuneration payable	1,479.54
Cash at bank and in hand	88,562.99	Deferred income	20,700.00
TOTAL ASSETS	189,183.15	TOTAL LIABILITIES	189,183.15

5. *Important rights and obligations which are not capable of being quantified*

Nihil

Secretary report

Dear colleagues and friends,

As I am writing these lines in January of 2018 (and of course a couple of days past the final submission deadline) and even though you probably will not read the newsletter for another couple of weeks, let me take the opportunity to wish you all a happy new year and a good start.



Let's look back into the eventful year 2017: the year started with a very successful and inspiring Junior Meeting in Portugal, thanks to the local organization team around Ana. Over the years, the Junior Meetings became a powerful strategy to popularize the academy and we can see our effort reflecting in the number of new members of our academy.

The membership administration was relocated from the website to a membership management tool maintained by AIM. It is a lot more efficient and effective and gives us some free time slots to work on other projects. Even though it did not work in all details right from the start, we strongly believe that this was the right step to take.

In December, we had a Board Meeting in Brussels to fix some managerial decisions. It was such a pleasure to see everybody in person, have a real meeting and not just skype. One of the decisions we made was that we are going to move our website to a new platform combined with a considerable revision of the content. We will announce the relaunch as soon as possible.

As always, a big thank you to our partners. Their support is both welcome and necessary to keep the Academy working.

Everybody is very busy preparing the upcoming Meeting in Switzerland, that I am really looking forward to. As Vince Lombardi said: „Individual commitment to a group effort - that is what makes a team work, a company work, a society work, a civilization work.“ So let me take the chance to say thank you for all your individual commitment in the last and all the upcoming years. It has been a pleasure.

I am really looking forward to seeing you all again in June in Lucerne.

Best wishes from Germany,
Dennis Rottke
Secretary EADMFR

The Research and Scientific Committee

Chair: **Bart Vandenberghe** (Belgium)
Azin Parsa (Netherlands) Co-opted
Spyros Damaskos (Greece)
Kivanç Kamburoğlu (Turkey)
Bence Szabo (Hungary)
Dorothea Dagassan (Switzerland) Co-opted



Dear colleagues, Dear friends,

In a few months we will all see each other again in Switzerland for the 16th European Conference of Dentomaxillofacial Radiology. As always, the Research and Scientific Committee is very dedicated in making this event a successful meeting, covering the latest hot topics in imaging, with many opportunities to gain knowledge, to brainstorm with your colleagues and to present your own expertise. In order to do so, 2017 has brought many opportunities to discover the latest scientific research updates, like the IADMFR conference in Chinese Taipei, Kaohsiung, at the end of April, where many members of our academy were actually presenting their latest research (see Figure 1). But also at the end of March, the International Dental Show (IDS) was once again the place to discover the latest digital technology for the dental office, going beyond the 3D we are using every day (see Figure 2).

At the same time, while preparing ideas for our upcoming conference, as promised after our last meeting in Cardiff, we have been working hard to update the previous award guidelines, which were slightly out of date. We have collected the feedback from our members and the Executive Committee of our academy and addressed several issues that were pointed out and needed change. We reduced the multiple documents for each award type to one and included a checklist to help the students to submit complete applications on the congress' website. Our aim was to make the eligibility criteria very clear to allow a fair competition in the target group. There are still some improvements of the abstract submission system that needs to be conducted for coming congresses, since EADMFR has now centralized all data to a new environment (from membership information to abstract submissions). We have also realized that the clarity of the guidelines can be improved, and with the acquired experience from this assessment we are in progress. Suggestions are always welcome and can be addressed to the Chairman of the Scientific Committee.

Besides the work on the guidelines, we have worked very closely with the local organizing committee of the next conference, with Dorothea Dagassan and Michael Bornstein, to come up with a modern and innovative scientific programme. We chose

to focus on the Virtual Patient and the entire digital workflow, where imaging always plays the crucial role in the digital treatment planning. This became thus the theme of the pre-congress (which is organized together with the Swiss society of DMFR, SGDMFR) and where we divided the day in the specific topics, which are the same recurring topics during our 3-day congress: Imaging Technology, Digital Image Analysis, Digital Treatment Planning, and Image-based Treatment. Not only are these all crucial steps for us as DMFR specialists to be able to master, but we also believe any other dental professional should understand and gain basic knowledge on these topics. We therefore hope to attract more attendees from different fields of dentistry. A novelty this year is that we conclude the pre-congress with a panel discussion between the speakers the industrial partners, concerning data formats and integration in this digital workflow. Thus, an exciting start of our conference which will go in depth on all the above mentioned topics, so we hope we can count on our members to help in the task of attracting new members. So please invite your dental colleagues to attend our next congress in June 2018!

Hoping to receive a massive amount of abstracts and award submissions, to again enjoy an amazing and fun conference!

Looking forward to see you soon!

Bart Vandenberghe, Chair of the Research and Scientific Committee of the EADMFR



Figure 1. 21st IADMFR congress in Kaohsiung during the gala dinner evening, and where participants enjoyed the cheerful and playful organization of the Taiwanese local organizing committee.



Figure 2. The international Dental Show (IDS) in Cologne, March 2017, where virtual and augmented reality finds their place in the dental office.

The Educational Committee

Chair: **Jan Ahlqvist** (Sweden)
Anastasia Mitsea (Greece)
Erdoğan Fisekcioğlu (Turkey)
Kazimierz Szopiński (Poland)
Silvina Friedlander-Barenboim (Israel)
Roselyn Clarkson (UK)



Dear colleagues,

The education committee has during 2017 continued its work with the intention to compile a document describing undergraduate education within dental and maxillofacial radiology in Europe today.

By means of a questionnaire the committee wants to collect quantifiable information regarding time and resources available for the students within dentomaxillofacial radiology in the different dentistry programs at the schools of dentistry in Europe. The document is intended to show the width and mean standards in European education. This allows for educators to compare their schools efforts, resources and curricula with others, for planning and evaluation. The results may serve as a valuable tool to achieve a more uniform undergraduate education in dentomaxillofacial radiology among countries and schools. During 2017 the committee has formulated questions for the survey with the objective to present a simple and adequate questionnaire that will be easy for most schools to fill in, regardless of differences in curricula.

The committee members have also put some efforts on the challenge to collect contact information to people at the dental schools that are related to the radiology education within the curricula. We believe that the combination of an expedient questionnaire and a well-defined target group will increase the chances of receiving correct information and get a high response rate. The quest to identify teachers related to the radiology education has proven to be labor intensive. The goal is to have achieved a reasonable amount of contacts after the first quarter of next year.

The members of the education committee encourage all EADMFRs members to promote this survey and to reply to the questionnaire that we hope can be sent out during the spring 2018.

On behalf of the education committee I wish you all a successful 2018.

Jan Ahlqvist, Chair of the Educational Committee of the EADMFR

The Junior Committee

Chair: Linda Z. Arvidsson	(Norway)
Rose Ngu	(UK)
Kaan Orhan	(Turkey)
Dennis Rottke	(Germany)
Ingrid Różyło-Kalinowska	(Poland)
François Gabioud	(Switzerland)
Rubens Spin-Neto	(Denmark)
Eva Levring Jäghagen	(Sweden)
Marius Bud	(Romania)



Dear friends and colleagues,

The aim of the Junior Committee is to make EADMFR attractive to younger members. By arranging separate meetings for the juniors in an informal setting we believe it is easier for them to meet colleagues, establish an important network and to make friends. The Junior Meeting gives some of the participants their first chance to give an oral presentation for an international audience. We hope that this experience will inspire the younger members to participate in future congresses of the EADMFR, to feel that they are part of the community, and continuing as members for the rest of their career. To recruit new, younger members to the academy is crucial for its future existence. I am very happy that the junior committee consists of very dedicated colleagues, many of them also holding central positions in the academy and yet finding the time for this task.

As I am writing this, the 5th EADMFR Junior Meeting in Budapest, Hungary has just finished, February 4th – 7th, 2018. Thirty-four juniors and 12 lecturers and committee members from 23 different countries have participated in the meeting. The topics of the lectures and seminars included Basic statistics in medicine, Evidence based radiology including a task, Ultrasound in head and neck including hands on training, Temporomandibular joint, How to write a scientific paper, Clinical cases and interactive image reading, Oral and pharyngeal function, and Radiation doses from DMFR. Further, presentations of DMFR programs in Europe and presentations of scientific work by the juniors themselves were given.

I wish to express my sincerest gratitude towards the local organizer Bence Tamas Szabo and his team whose extensive effort with preparations have made it all possible. He made the 5th EADMFR Junior Meeting an unforgettable experience in the beautiful city of Budapest. Everything went very smooth. Thank you so much!

I also want to thank the lecturers Christina Lind, Ralf Schulze and Pawel Kalinowski for their valuable contribution to the Junior Meeting, all the members of the JC for their committed work and contributions and especially Eva, Ingrid, Kaan and Dennis. A special thank you also goes to Bernadetta at AIM and to our sponsors; EADMFRs industrial partners; NewTom, Morita, Planmeca and 3Shape.

In the upcoming ECDMFR in Lucerne, there will be an interactive Junior film reading session as in previous congresses, prepared by the JC. Two juniors participating in the two latest Junior Meetings in Porto and Budapest will present their experiences and impressions from the meetings. You are all very welcome to participate in this session.

Now, the preparations for the 6th Junior Meeting are already beginning and we hope to announce the date and venue shortly. Please encourage any juniors at your department who have not already participated in previous meetings to apply for the next!

Best regards,

Linda Z. Arvidsson, Chair of the Junior Committee of the EADMFR



Participants of the 5th Junior Meeting during lectures

Presentation of team work on the EBR tasks



Junior meeting 2018

Participants:

Karolina Futyma (Poland)

Szymon Grzebyk (Poland)



Dear colleagues and friends,

It was a great pleasure for us to participate and represent Poland during the 5th Junior Meeting of EADMFR in Budapest, Hungary, February 4th – 7th, 2018 with our mentor and professor Ingrid Różyło-Kalinowska, head of the Independent Unit of Propaedeutics of Dental and Maxillofacial Radiology of the Medical University of Lublin.

The program included lectures about radiation dose in DMFR, evidence based radiology, statistics, ultrasound in head and neck, the temporomandibular joint and oral and pharyngeal function. All participants had a chance to work in small groups on an EBR tasks and present the results of this work. We've got hands-on training in ultrasound and PR and CBCT reading session. Some of the Juniors were selected to present their scientific work or specialists training programs.



Group photo of participants and lecturers of the 5th EADMFR Junior Meeting in Budapest



Ultrasound hands-on with Rose Ngu and Ingrid Rózyło-Kalinowska

The Junior Meeting was an amazing event and so was the hotel where we stayed, Verdi Grand Hotel Budapest. The congress started with a dinner in the hotel, which was a nice opportunity to meet other participants. On the next day the Junior Committee organised a traditional dinner in a local restaurant with live Hungarian band. Finally we had an opportunity to join the Hot Bath event and relax after a long day on Tuesday. The meeting ended with a dinner on a ship and disco evening. All these evenings gave us the possibility to network in a relaxed atmosphere. We could try real Hungarian food and understand their culture.

We would like to thank the EADMFR Junior Committee for giving us the opportunity to participate in this unique junior meeting, with a special acknowledgment to the lecturers for their interesting sessions and to Linda Z. Arvidsson (Chair of the Junior Committee), Eva Levring Jäghagen (President of EADMFR) and Bence Szabo (local host) for their hard work.



Evening relax in Széchenyi gyógyfürdő thermal baths

We cannot wait for the next year's Junior Meeting!

Karolina and Szymon

The Specialisation Committee

Chair: **Ingrid Różyło-Kalinowska** (Poland)
Bamse Mork-Knutsen (Norway)
Tomislav Lauc (Croatia)
Paul Nixon (UK)



Dear colleagues and friends,

Currently imaging diagnostics is indispensable in everyday life of a dentist, but specialists in dentomaxillofacial radiology can help them in solving diagnostic problems which are outside their main field of interest. Dentomaxillofacial radiologists are active both in countries in which this specialty is recognised as a separate specialty and in those which struggle to introduce this specialty (like Germany and Poland). However it became obvious that in some small countries where numbers of potential specialists in dentomaxillofacial radiology would be low (eg. Croatia, Lithuania, Latvia) it is more difficult to convince the authorities to invest in setting up a separate speciality training.

Today let me hand over the baton to my colleagues from the Specialisation Committee – Bamse Mork Knutsen from Norway and Paul Nixon from the UK, who present you their reports on the current status of dentomaxillofacial radiology in the countries in which it has been introduced several years ago.

UK: We have 25 specialists who are currently working in DMFR in the UK, including 3 who have retired and returned to work, and there are 8 trainees at various stages of training. Five of the specialists are expected to retire in the next 5 years which means that we currently have just enough trainees to cover all those who have retired or who are about to retire. However, this does not allow for any expansion in the workforce to take account of the increasing workload in the speciality. Our specialist society, the BSDMFR, is constantly putting forward the case for an increase in DMFR specialists and we hope that this will eventually lead to some expansion. However, in the immediate future the continuity of the current specialist posts is a matter of some concern as it is uncertain whether enough trainees will have completed training in time to fill the anticipated vacancies.

Norway: The Norwegian Society of Dento-Maxillo-Facial Radiology celebrated its 15th anniversary in 2017, and at the same time it was 10 years since the speciality was officially recognized in Norway. The board of the Society in collaboration with colleagues at the Institute of Clinical Dentistry, University of Bergen, organized the jubilee. The organizing committee had put together an exciting program, with topics as traumatology, generally and radiographically, and ethics in medicine. In the following

gala dinner, professor Tore A. Larheim gave a historical review of DMFR in Norway and the struggle for getting the speciality recognized. Associate professor em. Dagfinn Svanæs was appointed honorary member. Almost all Norwegian DMF-radiologists took part in the meeting. The Norwegian Dental Society had chosen radiology and diagnostics as topics of the Midnight-Sun symposium in Tromsø, June 2017. Chaired by Anne Møystad and Bamse Mork-Knutsen, the symposium's list of lecturers included many DMFR-radiologists cooperating with specialists in other dental disciplines. Professor Stuart C. White from Los Angeles, USA, was invited as the main speaker, giving important lectures to the participants.

In 2017 two new specialists graduated from the Department of DMFR, University of Oslo. There are now a total of 6 post-graduate students attending the three-year speciality-training programs in Oslo and Bergen. In addition there are three PhD-candidates doing research in Oslo and one in Bergen.

In December, professor Tore A. Larheim published the second edition of his textbook. It contains contributions from the scientific staff of the Department in Oslo.

As you can see from the reports, in both countries DMFR specialists are very active not only in the fields of diagnostics, but also in research and education. They are an example to be followed in further quest for the recognition of dentomaxillofacial radiology in other countries. However, it must be taken into account that it seems that the numbers of new trainees are balanced with the numbers of retiring specialists so in order to increase the human resources in dentomaxillofacial radiology, new residencies should be created.

Ingrid Różyło-Kalinowska
Chair Specialisation Committee

The Selection Criteria and Radiation Protection Committee

Chair: **Erwin Berkhout** (Netherlands)
Dan Brüllmann (Germany) co-opted
Louise Hauge Matzen (Denmark) co-opted
Hakan Kurt (Turkey)
Anni Suomalainen (Finland)
Dennis Rottke (Germany)
Ralf Schulze (Germany)
Rubens Spin Neto (Denmark)



Dear colleagues,

At the EADMFR congress in Cardiff Louise Hauge Matzen delivered a very interesting invited lecture about the use of Cone-Bam CT for diagnostic purposes before third molar removal. A few years ago Louise defended her PhD-thesis "Radiographic methods for assessment of mandibular third molars before surgical intervention". Together with her group at Aarhus University in Denmark she has published many articles on this subject, so she rightfully can be called an expert in this field. This became very clear at her presentation and the discussion with the audience that evolved afterwards.

Soon after the Cardiff meeting the Board of EADMFR asked our Committee to prepare an update of the guidelines adopted by the UE as Radiation Protection no. 172 act (Cone-Beam CT for dental and maxillofacial radiology) on the subject of the use of CBCT before third molar removal. For that reason the Selection Criteria & Radiation Protection Committee is happy to have Louise as a co-opted member for this specific project. However it appeared that the European Commission is not willing to update the existing guidelines, it is even not willing to update the much older (2004) Radiation Protection guideline no. 136. The reason for this has to do with the role and responsibility of the Commission in issuing these guidelines. I would like to thank Keith Horner for his help in addressing the right people in Brussels to have this issue made clear to us. So we have decided not to wait for developments in Brussels but to start preparing a document that will be issued as an EADMFR position paper in this field. Next to Louise Hauge Matzen I am happy that also Keith Horner offered his help for this project. The next step is to actually get started... ;)

Wishing you all a wise and gentle 2018 and see you in Lucerne!

Sincerely,

Erwin Berkhout, Chair Selection Criteria & Radiation Protection Committee

Report from AIM



Dear colleagues,

Another year has gone by and the Partnership between AIM Group International and EADMFR is flourishing and including more and more services.

Starting this year AIM is charged with the administration of the Congress website and our team has also been given the task of the management of the abstract system for the congress. AIM put in place a tailor made system for the evaluation of the extended awards alongside the general abstracts. This is the first time that EADMFR is reviewing the extended abstract online. The amount of abstracts received this year is a testament to high degree of interest of the participant and is a sign of a higher attendance at the congress.

AIM Group are working closely with the Swiss local congress team, especially with Dorothea Dagassan for the organisation of the 16th ECDMFR which will be held in Lucerne 14-16 June, 2018. We are all looking forward meeting you all in Lucerne for a very successful and interesting congress. AIM has also had the privilege of being appointed to organise the ECDMFR congress in 2020 which is to be held in Jerusalem. AIM is managing the membership system so for any queries please feel free to contact aims@eadmfr.eu.

This new system of registration is now more user friendly as the Membership and Congress Registration systems are linked. Members are able to recover their data and they are not obliged to create a new profile to register to the congress.

As in previous years, following the Congress a new president will be appointed for EADMFR and AIM is looking forward to continuing the collaboration with the new team.

Kind regards,

Bernadetta Della Croce
Senior Project Manager
EADMFR Secretariat

The Task Force for a European postgraduate DMFR training program

Chair: François Gabioud (Switzerland)
Jackie Brown (UK)
Reinhilde Jacobs (Belgium)
Eva Levring Jäggen (Sweden)
Bamse Mork-Knutsen (Norway)
Kaan Orhan (Turkey)
Dennis Rottke (Germany)
Ingrid Różyło-Kalinowska (Poland)
Ralf Schulze (Germany)
Rubens Spin-Neto (Denmark)



Dear colleagues and friends,

During the year 2017 the Task Force established a consensus on how to provide a programme for raising the level of knowledge among DMFR teachers all over Europe.

The current work flowchart (Fig. 1) is that a candidate of the EADMFR programme should have the possibility to follow DMFR courses in Europe which are accredited by EADMFR. Of course the candidate should be helped by a mentor in choosing those courses. Once all the minimal courses required would be followed by the candidate, this last could be advised by the mentor to undergo a final examination (which form is still in discussion). This way the EADMFR will spare a lot of administrative tasks as well as avoid very costly building up of a new programme from a scratch. Moreover this solution can also be interesting for the academy by involving the expertise of different Major Committees: especially the Education one and the Specialisation one for establishing the final test of this education programme.

Three persons accepted to set up the Accreditation Group: Madeleine Rohlin (chair), Gerard Sanderink and Kostas Tsiklakis. The Accreditation Group suggested to transform the learning objectives (portfolio) that was built previously by the Task Force from a teacher's point of view into "learning outcomes". This makes sense for two main reasons. Firstly, learning outcomes represent better what a student can expect by following the programme that EADMFR will propose. Secondly the learning outcomes will allow the Accreditation group to define accordingly the accreditation criteria for the already existing DMFR courses which would seem to be in line with the programme.

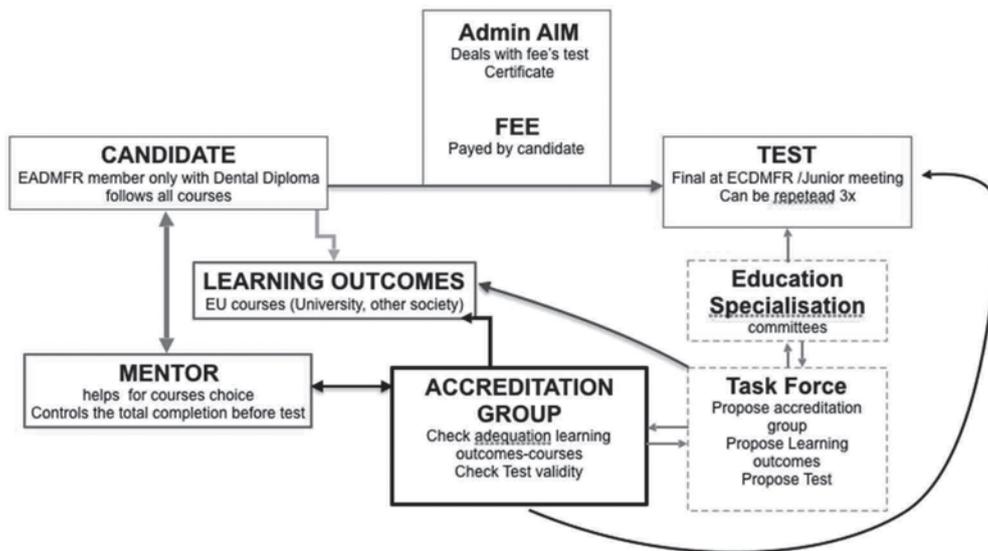


Figure 1. Current work flowchart.

During the year 2018 the Task Force should establish the aforementioned learning outcomes in order to let the Accreditation group set up its criteria, try to identify existing DMFR courses as well as missing courses that should be provided by EADMFR (during "junior meeting" or such extra ECDMFR).

Finally I will traditionally thank again all of you who have helped, are helping or will help (I personally think that we need some new young members in the Task Force) the Task Force in this work and I enjoy to see all of you in June 2018 in Lucerne for the 16th European Congress of Dentomaxillofacial Radiology.

François Gabioud
Chair of the Task Force

The 16th European Congress of DentoMaxilloFacial Radiology 13-16 June 2018 in Lucerne, Switzerland



Dear colleagues,

On behalf of the European Academy of Dentomaxillofacial Radiology we are inviting members to join us all in June 2018 to discuss how to improve DMFR and elaborate its future challenges. This will be a great opportunity for specialists and interested colleagues alike to meet at the heart of Europe. Remember, Lucerne ranks amongst the world's prettiest cities, and there is so much to be seen.

The conference will take place at the "The Swiss Museum of Transport" in Lucerne – the one-of-a-kind "Verkehrshaus", just a few meters away from the beautiful shores of Lake Lucerne. The pre-congress promises to be a highlight itself, and will focus on the topic of "*The Virtual Patient: The crucial role of IMAGING in the digital workflow*". The main congress features some outstanding keynote lectures, and will discuss various hot topics in DMFR. Besides the lectures, an attractive social programme has been arranged for accompanying guests and families.

Feel free to find more information via the website:

<http://ecdmfr.eu>

It is with great pleasure that we are looking forward to welcoming you...

...best wishes from the hosts

...bis bald, à bientôt, a presto, a revair from the local organising committee (LOC)
SADMFR – Swiss Association of Dentomaxillofacial Radiology

Michael Bornstein
For the LOC

The 21th ICDMFR, Kaohsiung, Chinese Taipei, April 26-29th, 2017

Dear colleagues!

While preparing to join our next European Congress in 2018, it would be a good moment to remember the very intense scientific program of our last IADMFR meeting, held in Kaohsiung, Chinese Taipei, last April. The Congress was brought to life by a very hard working and enthusiastic team, headed by the president of the organizing committee, Li-Min Lin, and the secretary general, Ming-Gen Tu, together with their Taiwanese peers who assured all participants would have a nice time to remember. During the Congress days, besides several lectures of key-note speakers, and a rich space in which the companies were presenting their latest equipment regarding maxillofacial imaging, there were 91 oral presentations and 105 poster presentations, many of them by fellow friends from the European Association.



There was also time for an intense social agenda, during which the participants had the opportunity to learn more about the Taiwanese culture, and of course, increase their network through fruitful discussions with colleagues from all over the world.

For those attending the Congress, all efforts done by the organizing committee during the many years preparing this event could be seen in every detail, from the scientific program to the gala dinner. Our warmest regards to the team who hosted us in such a great way during our stay in Kaohsiung. On behalf of the EADMFR, I would like to express my deepest gratitude to the local organizing committee.

Rubens Spin Neto

Junior Committee Member EADMFR

Selection Criteria and Radiation Protection Committee Member EADMFR



Group photo of participants of the 21st ICDMFR in Kaohsiung



Opening Ceremony of the 21th ICDMFR in Kaohsiung



Travel grant winners included members of the EADMFR.



European participants with the Korean delegates who will host the 23rd ICDMFR in Gwangju, South Korea

The 22nd ICDMFR, Philadelphia, USA

August 22-25, 2019

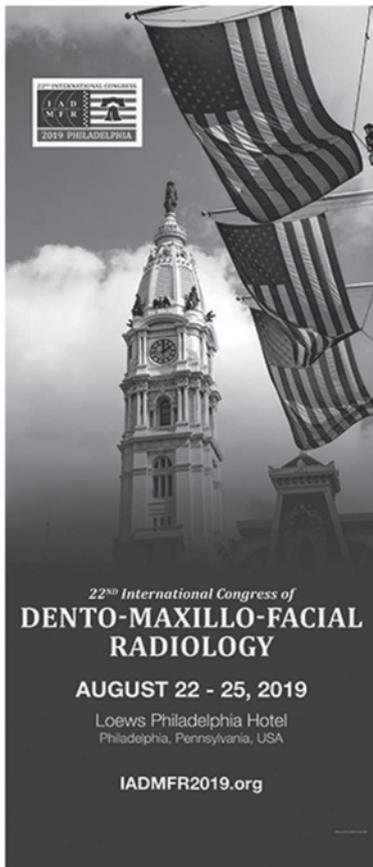
Dear EADMFR Members and Colleagues,

The 22nd International Congress of DentoMaxilloFacial Radiology (ICDMFR) will be held on August 22-25, 2019 in Philadelphia, Pennsylvania, USA. On behalf of the Organizing Committee of the Congress, I welcome all EADMFR members and colleagues to attend this great event of the International Association of DentoMaxilloFacial Radiology (IADMFR). The Congress will present the latest imaging technology, advances and research in the field of dental and maxillofacial radiology. The congress will also provide extensive training in clinical oral and maxillofacial radiology, as well as in head and neck radiology.



Over the past 50-year history of IADMFR there have been only a few International congresses convened in the United States. The last IADMFR congress held on North

American soil was 20 years ago in Louisville, Kentucky. The 22nd ICDMFR in Philadelphia will be another showcase of North American to our dentomaxillofacial radiology colleagues worldwide. This time we will combine the 22nd ICDMFR with the 70th Annual Session of American Academy of Oral and Maxillofacial Radiology (AAOMR). We have determined to present a world-class high-level scientific meeting in 2019.



The 22nd ICDMFR in Philadelphia will also be the first IADMFR Congress after the 50th Anniversary of IADMFR (1968-2018). We will celebrate this significant milestone of our professional organization during the Congress. We welcome EADMFR members to come and join dentomaxillofacial radiology colleagues in North America as well as the rest of world to celebrate this historical moment in Philadelphia, USA.

Philadelphia is a large and celebrated city in the United States. It was the first capital of our Country. As the birthplace of not only American history but also medical history, the first hospital, first medical school and first medical library, two of the country's oldest

dental schools are located in Philadelphia: Temple University's Kornberg School of Dentistry, established in 1863, and the University of Pennsylvania's School of Dental Medicine, established in 1878. Philadelphia is considered to be an ideal location for world-class healthcare conventions and meetings, conveniently located between New York City and Washington DC in the northeast coast of the United States.

The 22nd ICDMFR will be held in Loews Philadelphia Hotel, Downtown Philadelphia, Pennsylvania, USA. The hotel is located in the nation's first skyscraper and the City Center. We expect that the congress will attract record attendees of dentomaxillofacial radiologists from world-wide.

Philadelphia has a beauty unlike any other city in the world. We look forward to seeing all of you in the City of Brotherly Love in 2019!

Sincerely yours,

Jie Yang

President of IADMFR

Organizing Committee Chair of the 22nd ICDMFR



Philadelphia Skyline



Independence Hall



Philadelphia Museum of Art

30th European Society of Head and Neck Radiology Congress 2017



Dear Colleagues,

As mentioned in my Editorial, many members of our academy are also members of the European Society of Head and Neck Radiology (ESHNR) and attend their annual meetings. For me it is a great pleasure that we can meet not only at our biannual congresses, but also during the ESHNR conferences, to share ideas and professional experiences, to brainstorm or just to enjoy our company and get to know each other better. Since there is a considerable overlap in the maxillofacial area imaging between the two societies, closer cooperation between them is strongly encouraged.

In 2017 the 30th Congress and Refresher Course of the ESHNR was held in Lisbon, Portugal. The president of the Congress was Alexandra Borges, neuroradiologist from the Champalimaud Foundation in Lisbon. Hence it is logical that the venue was the modernistic Champalimaud Centre for the Unknown located on the banks of the Tagus River, near its estuary. Before I continue with description of the content of the congress programme, I would like to admit that so far I have never attended a conference held in such a unique and remarkable building. The auditorium is fitted with an enormous elliptical window providing splendid view of the Tagus River and Belem Tower, one of landmarks of Lisbon's maritime past. The Champalimaud Centre for the Unknown is a state-of-the-art facility for science, medicine, technology and public use. The complex houses the Champalimaud Clinical Centre's diagnostic and treatment facilities, research laboratories and administrative services, complemented by a tropical pergola-covered garden, an outdoor amphitheatre and fountains facing the Tagus River estuary and the Atlantic Ocean.

As always, the sessions were divided into Scientific Sessions, Short Oral Presentations, State of the Art Sessions, Refresher Courses and, like last year, a "pot-pourri" of top best posters was featured – a collection of ultra-short oral presentations of selected posters, considered best out of all submitted and now available in the EPOS electronic poster system.

The topics of the scientific sessions fell into a broad range: lymphoproliferative disorders in the head and neck, imaging in swallowing and sleep disorders, temporal bone imaging, thyroid gland ultrasound, past, present and future of head and neck imaging, paediatric head and neck imaging, imaging of brachial plexus, imaging in acute head and neck trauma, diagnostics of the orbit and salivary glands. One session was

dedicated to the jaws, but frankly speaking its content was too basic and disappointing for dentomaxillofacial radiologists. In the future EADMFR members could considerably contribute to the scientific programme of the ESHNR congress to enhance its value in the field of dentomaxillofacial imaging diagnostics.

New Horizons sessions focused on future trends in head and neck cancer imaging such as image texture analysis, spectral CT and new PET tracers. Another New Horizons session that attracted a lot of attention was called Imaging globalization and was focused on moving on to structured imaging reports. In the beginning of this session two interactive questions were asked. The first one concerned opinion of the participants on introduction of structured reports – vast majority were in favour of using such reports. However, the answer to the second question was tell-tale – majority of the participants never use structured reports in their daily routines. It may mean that head and neck imaging is too complex to be confined within frameworks of a standardised, structured report.

This time fewer Refresher Courses were organised than last year, and they concentrated on temporal bone imaging, paranasal sinuses diagnostics as well as imaging of nodal and non-nodal neck masses. No workshops were run, either. Although three separate interactive sessions were held, popular as always, many other lecturers also used a voting software, which was available for mobile devices during the whole conference. This made the lectures even more interesting and attracting attention.

The next ESHNR meeting will be held in London, UK on 27-29th September 2018, in conjunction with the British Society of Dental and Maxillofacial Radiology (BSDMFR). Currently our EADMFR colleague, Suk Ng is serving as the President of the BSDMFR and she is also a part of the Local Organizing Committee of the 31st ESHNR Annual Meeting. The combined meeting will be bigger than usual and gather world renowned specialists in the field of head and neck and dentomaxillofacial radiology. An exciting program will focus on the latest MR imaging techniques and new CBCT/US applications and will be accompanied by practical workshops on head and neck ultrasound as well as a number of interactive educational lectures on diverse topics such as the skull base and thyroid/parathyroid regions. Further information is available at <http://www.eshnr.eu/>.

I hope to see even more of the EADMFR members in London!

Ingrid Różyło-Kalinowska

Vice-President of the EADMFR



The sessions were held in the beautiful modern auditorium of the Champalimaud Foundation in Lisbon



Our team in Lisbon enjoying the time spent together during and after the scientific programme

Acknowledgements

Last, but not least, thank you all contributors (in alphabetical order), without whom this newsletter would not have been completed:

Jan Ahlquist

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Levring Jäghagen

Kaan Orhan

Dennis Rottke

Rubens Spin Neto

Bart Vandenberghe

Jie Yang



The Newsletter is also available on EADMFR's website
www.eadmfr.eu

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2018