

ESE Newsletter



European Society of Endodontology

ESE Contact Information

Secretary:



Professor Paul Dummer
School of Dentistry
Cardiff University
Heath Park
Cardiff CF14 4XY
UK
ese-secretary@cardiff.ac.uk

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Dear Colleague and Member of the ESE



Welcome to the 5th Newsletter of the European Society of Endodontology!

It has been my pleasure to co-ordinate this 5th ESE Newsletter.

This edition focuses on the successful Biennial Congress in Edinburgh, the new ESE Executive Board, as well as reports of meetings from several national societies. It also includes information about Postgraduate Students studying Endodontology who established a new group within the ESE structure during the Edinburgh congress. The Executive Board will do all it can to support this important development in order to bring together students from around Europe.

You may remember the 4th Newsletter was issued in Edinburgh during September 2009 – at the time we were looking forward to the Congress. We now know that Congress (Past) President Professor Bill Saunders and the British Endodontic Society arranged a magnificent meeting that

fulfilled our expectations and more!! The meticulous organisation of Annabel Thomas created an event that was a success both from the scientific perspective and socially. I am in no doubt you will join the Executive Board in thanking Bill and his team for a fantastic meeting!! Rome 2011 is on the horizon and we will keep you updated on progress of the 15th ESE Congress. Marco Martignoni and his team will no doubt create a special meeting in this most historic and romantic city.

The new Executive Board will be meeting in Tübingen, Germany at the end of February 2010. The meeting has a long agenda that includes feedback from Edinburgh, plans for Rome 2011 as well as several key strategic issues, such as Specialisation, Guidelines for Congress Organisers, and the future direction and management of the ESE. We will feed back to you on these and other matters in due course.

In the coming months many national endodontic societies will be holding meetings and congresses. I would be grateful if officers of these societies could let John Whitworth have reports from relevant events including high resolution photographs where possible – we will then attempt to include the reports in future Newsletters. In addition, please let him know of improvements you wish to see in the Newsletter or any items you wish to be included. Please contact the new ESE Editor - John Whitworth on j.m.whitworth@ncl.ac.uk

See you in Rome 2011!

Paul Dummer, Secretary of the ESE

Content

- Welcome from the ESE Secretary – Paul Dummer
- Message from the ESE President – Claus Löst
- Carmen Buckley
- New ESE Treasurer – Hakki Sunay
- New ESE Editor – John Whitworth
- Edinburgh 2009
- Rome 2011
- Kosova Society of Endodontology
- Portuguese Society of Endodontology
- First joint congress of the German Societies of Endodontology

- Croatian Endodontic Society (CES)
- Turkish Endodontic Society
- Czech Endodontic Society
- European Society of Endodontic Postgraduate/PhD Students (ESEPS)
- Wladimir Adlivankine ESE Research Prize 2009
- Association of Dental Education in Europe
- Executive Board meeting and General Assembly – Edinburgh
- Retiring ESE President Gunnar Bergenholtz celebrates his 70th birthday!!

Message from the ESE President – Claus Löst

Dear ESE Member,



President – Claus Löst

The changes implemented at the turn of the year to the composition of the ESE Executive Board mark a stage in the development of the ESE. This might at one point be equated with the founding of the ESE in the early 1980s, or the restructuring of the ESE to an organized federal scientific society in 2001. Progressing with and further developing the projects initiated during the last few years, such as:

- > a Europe-wide accreditation of Endodontology as a specialty;
- > accreditation of post graduate programmes by the ESE;
- > increased efforts in endodontic education and research;
- > development of a structure addressing public relations;

demands more minds and 'shoulders' to accomplish the necessary (voluntary!!) work and to establish a professional administration. During its spring meeting in Tübingen at the end of February the Executive Board will define its major goals for the coming years, and the personnel and structural prerequisites needed for their realization. At best – if all goes well – this will be presented to the General Assembly in autumn for discussion and voting. The ESE may be regarded as a space shuttle targeting the realization of its aims and objectives as defined in the ESE Constitution. Historically we are entering the third stage of (I dare say) a multistage rocket. The propellant is a combination of readiness for action, cooperation, patience, perseverance and a dash of optimism. For this the Executive Board and General Assembly requires the help and cooperation of colleagues to take on responsibility - if the ESE is to achieve its goals!

Carmen Buckley

With the change of the ESE office from Tübingen to Cardiff not only was the transfer of piles of documents across the English Channel necessary but a change in the administrative and support personnel of the ESE Secretary was required. Thus, from the turn of the year, Sue Bryant/Cardiff replaced Carmen Buckley/Tübingen who had filled that position from the inception of the new ESE Federal structure.

Carmen started work for the ESE as far back as 1998 with the initial preparations for the 10th ESE Biennial Congress in Munich. Indeed, she was the right-hand woman for the Congress President Professor Löst. She was perfect for the role and with her excellent command of the English language and her admirable organisational ability she was a main reason for the congress running so smoothly!

The Congress in the year 2001 was the starting signal for the reorganisation of the ESE where the General Assembly still consisted of so-called Active Members. Here the job Carmen held with great commitment for eight years began. She was always a friendly and helpful contact person for ESE Country Representatives and Certified Members - hundreds of e-mails bear witness. About 17 Executive Board Meetings and 8 General Assemblies across Europe were prepared and conducted thanks to her. When needed she lent a helping hand and was always a faithful spirit in the background, where she loyally (but never uncritically) assisted the ESE Secretary. In short: Carmen was a lucky find for the ESE and we would like to thank her very much for her excellent and effective commitment to the ESE for so many years!



Carmen - sharing an hilarious moment with the Executive Board in Rome 2006



Carmen – taking minutes at a General Assembly



Carmen with her daughter in Istanbul 2007



Carmen with Claus and Gunnar in Prague 2008

New ESE Treasurer – Hakki Sunay

Hakki Sunay, Turkey was elected as Treasurer of the ESE and member of the Executive Board at the General Assembly in Edinburgh. Hakki had been for some time a co-opted member of the Board providing advice on the organisation and management of biennial congresses.



Hakki at work



Hakki likes to fish (and smoke cigars!!)

From an early stage of his career Hakki became a member of The Turkish Endodontic Society and was active in organizing the scientific congresses of the society. He has been a member of its Executive Board since 2000 and he was the General Secretary of the 13th Scientific Congress of the European Society of Endodontology that took place in Istanbul during 2007. Hakki is an Associate Member of the American Association of Endodontists.



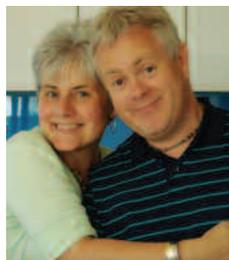
Hakki is married and has a young son

Contact details:

Hakki Sunay, ESE Treasurer
Dental Faculty, Yeditepe University, Bagdat Caddesi No:238
Goztepe, Istanbul, Turkey 34728
E-mail: hakki.sunay@yeditepe.edu.tr or
hsunay@superonline.com

New ESE Editor – John Whitworth

John Whitworth, UK was elected as Editor of the ESE and member of the Executive Board at the General Assembly in Edinburgh.



John and Janet



John, Sally and Ellie



John at work!!

John enjoys being at home with his wife, Janet, and with their teenage daughters Sally and Ellie. He has a variety of bicycles, and has commuted to work every day for the last 29 years. In 2005, he somersaulted over his handlebars and had the distinction of breaking both arms simultaneously. John enjoys being outdoors, growing fruit and vegetables, and walking in the countryside.

Professionally, he is a senior academic in Restorative Dentistry at Newcastle University, where he delivers all of the undergraduate, postgraduate and continuing education in Endodontology. An active clinician, he has managed endodontic referral services at Newcastle Dental Hospital since 1991. In 1996, he was Visiting Associate Professor in Endodontics at the University of Texas, San Antonio, and in 2005, he was UK Dental Teacher of the Year.

John has been actively engaged in research since his PhD in microbiology (Edinburgh 1990). He currently supervises a number of PhD and MPhil research students on topics as diverse as health economics, biomaterials science and clinical trials in local anaesthesia. For 10 years, he was Associate/Deputy Editor in Chief of the International Endodontic Journal. He also serves on the Editorial Boards of ENDO., Endodontic Practice, and the Quintessentials of Dental Practice textbook series. He has published widely in peer-reviewed and professional journals, and has contributed to a number of textbooks.

The clinical academic life has been very kind to him, and he has enjoyed numerous lecturing and teaching engagements in Europe, North America and Australia. Currently, he is President of the British Endodontic Society.

Contact details:

John Whitworth, ESE Editor
School of Dentistry, Framlington Place
Newcastle upon Tyne NE2 4BW, UK
E-mail: j.m.whitworth@newcastle.ac.uk

ESE Biennial Congress - Edinburgh 23-26 September 2009

Maybe it was the call of Scottish 'homecoming', the irresistible promise of Celtic hospitality or the draw of an exceptional scientific programme. Whatever the reasons, a global economic downturn could not deter the Endodontic Clan as 1400 friends and colleagues from 61 countries assembled in Edinburgh, UK (Figure 1) for constructive days of scholarship, fellowship and discovery.



Fig. 1 - The warmth and charm of Edinburgh



Fig. 2 - The Executive Board meeting with Congress President Bill Saunders

Members of the ESE Executive Board, Chaired by Gunnar Bergenholtz, were among the early colonisers, immersing themselves in the details of Society business throughout the daylight hours of Tuesday 22nd (Figure 2).



Fig. 3 - The General Assembly in session

Hot on their heels came the first wave of attendees, Country and Society representatives to Wednesday's General Assembly (Figures 3 and 4), and 164 early birds hungry for pre-congress workshops, including 'Non-surgical re-treatment' with Arnaldo Castelluci, 'Endodontic microsurgery' with Michiel de Cleen and Marga Ree, 'Mastering excellence' with Julian Webber, 'The literature-based state of the art' with Richard



Fig. 4 - The General Assembly in session

Mounce, and the 'Wiley-Blackwell workshop for writers and referees'. Feedback was hugely positive, demonstrating the ESE's commitment to a diverse membership and setting the tone for some outstanding days to follow.



Fig. 5 - The outgoing Executive Board - Paul Dummer, Dag Ørstavik, Gunnar Bergenholtz, Claus Löst, Hakki Sunay

Notable from the ESE General Assembly included a successful membership application from the Kosova Society, and good news from the ESE Education Committee on raising the profile of Endodontology within a revised European competency framework for new dental graduates. Following warm accolades to the retiring President (Gunnar Bergenholtz) and Treasurer (Dag Ørstavik) (Figure 5), new officers were appointed.



Fig. 6 - Claus Löst paying tribute to Gunnar Bergenholtz and Dag Ørstavik at the General Assembly reception

Congratulations to Claus Löst who will lead the ESE as President, to Paul Dummer who will serve as Secretary, to Hakki Sunay who will serve as Treasurer and to John Whitworth as ESE Editor (a role quite separate from that of IEJ Editor). John Whitworth was also appointed to chair the ESE Education Committee.



Fig. 7 - ESE President, Gunnar Bergenholtz, addressing the General Assembly at the reception

Following the General Assembly the Country Representatives along with the Executive Board paid tribute to the outgoing ESE Officers, Gunnar Bergenholtz and Dag Ørstavik, at a reception outside the main auditorium.



Fig. 8 - The General Assembly at the reception

Elsewhere, endodontic postgraduate students from around the world met in informal surroundings to share their experiences and build networks which will serve them well in their future endeavours. A busy and energetic opening day!

The pre-congress business complete, it was time for early birds to enjoy a sociable drink, interesting nibbles and an informal welcome before heading off to sample the diverse culinary delights of a fresh Edinburgh evening.



Fig. 9 – The Red Hot Chilli Pipers in full swing!

And so the big day dawned. Thursday 24th September, the culmination of years of planning and organisation; Congress Chairman Bill Saunders, Congress Administrator Annabel Thomas and the entire British Endodontic Society team welcoming a tidal wave of attendees on a cheerful, bright autumn morning. It was time for an opening ceremony to remember. Settling into their seats amid evocative scenes of eye-watering

Scottish beauty, a full auditorium was soon on its feet, dancing and clapping to the beat of 'Bag-rock', as the 'Red Hot Chilli Pipers' mixed local tradition with a generous hint of humour and spice (Figure 9)!

Short and heart-felt welcomes followed from Congress Chair Bill Saunders, BES President John Whitworth and ESE President Gunnar Bergenholtz, before the official opening by Chief Dental Officer for Scotland, Margie Taylor. And with that, a thousand smiling faces left the auditorium, hungry for scholarship, fellowship, discovery and coffee. ESE Edinburgh was in motion!

Proceedings followed along 4 strands, with two major auditoria accommodating invited keynote speakers from around the world, and two further auditoria providing opportunities for a diverse programme of 69 short presentations on freely chosen topics. Big themes for day one included the nature and management of endodontic infections, perspectives on the broader infectious hazards facing mankind in a shrinking world, practical considerations in canal length determination and instrumentation, a review of periradicular pathologies and a fresh look at endodontic re-treatment. Perhaps the outstanding session of the day, and even the congress was a masterful exposition on biofilms from none other than Professor Bill Costerton. A humble and gracious man, he led a transfixed, capacity audience on a journey through the nature and behaviour of microbial systems, the risks and challenges we face in their control and new methods for their investigation. This was a truly exceptional, benchmark presentation, and a privilege to witness.

A key event on day 1 of the Congress is always the ESE Wladimir Advlankine research competition; a forum for invited young researchers to present their findings to a panel of judges



Fig. 10 and 11 – The Certified Members luncheon

and professional colleagues. Amid stiff competition, the 2009 prize was awarded to Maarten Meire from Ghent University, Belgium for his evaluation of Nd:YAG and Er:YAG irradiation and bacterial photodynamic therapy on *Enterococcus faecalis* biofilms. Congratulations to Dr Meire and the Ghent team. Meanwhile, short reports covered topics as diverse as retreatment: extraction decision-making, vital pulp therapies and assessment of clinical outcomes by conventional and contemporary, 3-dimensional means.

Thursday lunch-time provided an opportunity for the ESE to welcome the Certified Members to an informal reception. The Executive Board were able to chat to members and get feedback on ESE activities and developments. The luncheon also provided an opportunity for the Executive Board to hear their views on initiatives for enhancing ESE activities for Certified Members. (Figures 10, 11 and 12)



Fig. 12 – Claus Löst addressing the CMs along with Gunnar Bergenholtz



Fig. 13 – Congress President, Professor Bill Saunders, with Carlos Aguiar, Brazil

Thoroughly energised and on a high, there was time only for a quick shower and change of clothes before climbing to the royal heights of Edinburgh Castle (built 1130) for a drinks reception, sight-seeing and displays of ancient

armoury. Perched magnificently above the city and in the gloaming of the day, this was time to unwind, to share enthusiasms and enjoy the joyous company of friends old and new (Figure 13).

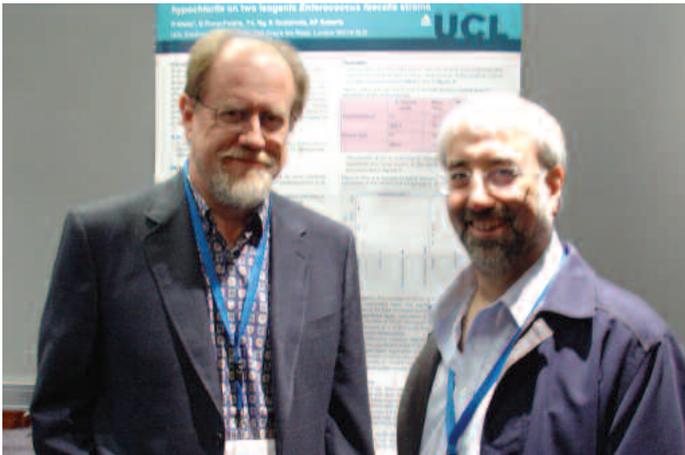


Fig. 14 – Professors Markus Haapasalo and Paul Abbott at a research poster session

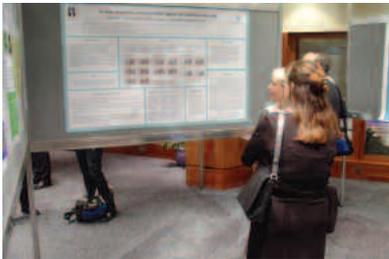


Fig. 15 – The research poster session

Congratulations were offered to Lise-Lotte Kirkevang of Denmark, author of numerous, high impact publications on the epidemiology of endodontic disease and worthy winner of the Hans Genet prize for 2009. Roland Weiger, chairman of the ESE Research Committee that evaluated approximately 150 research abstracts for the Congress, took the opportunity to present the winner of the Research Prize competition (Maarten Meire from Ghent University, Belgium) and to hand over a cheque for €1250

Blessed by the weather, Friday dawned crisp and bright, and like moths drawn to a beacon, delegates were powerless to resist the offerings of ESE day two. Mega-themes in the main auditoria included the realities of canal disinfection with Matt Zehnder, concepts, realities and mishaps in canal preparation, obturation, and retreatment; philosophical aspects of treatment outcome, the management of chronic pain, resorptive lesions, surgical mastery and state of the art endodontic education. Out of the main spotlight but crucial to our speciality were the 126 researchers displaying their work and making formal presentations/answering searching questions at appointed times of the day. These bright



Fig. 16 – Happy delegates just after the poster session - Latvian delegates Rita Kundzina, Lina Legzdina and Arta Bandere

individuals represent the key academic base of our speciality, VIPs worthy of honour and we applaud the diversity and quality of their work.

The ESE represents a broad church and always recognises the importance of its practitioner-base. These are the practical, innovative, observant individuals who treat patients every day and lead our speciality to higher levels of clinical excellence. They too took their place in the poster halls, with no less than 93 individuals and groups sharing their clinical passion, insight and expertise (Figures 16 and 17).



Fig. 17 – The camaraderie of the ESE Congress, Edinburgh - friends from University International of Catalunya (Barcelona)

On Friday lunch-time the Postgraduate Students met for an informal luncheon along with members of the Executive Board. The meeting brought together students from masters programmes in several countries and provided an opportunity to share experiences and to consider what role they could play within the ESE as well as to discuss what the ESE could do for them! (Figures 18, 19 and 20)



Fig. 18 – The postgraduate lunch was organised by Isabelle Portenier and Rafaël Michiels



Fig. 19 – ESE President Gunnar Bergenholtz and Secretary Claus Löst addressing the PGs



Fig. 20 – PG attendees listening attentively!

Off then to Murrayfield, the home of Scottish rugby union, for refreshment, entertainment and feats of athleticism. Honoured guests included invited speakers, Dr Gerry Glickman and James Drinan, from the American Association of Endodontists and Chief Dental Officer for Scotland, Margie Taylor. Members of the Society paid their tributes once again to Gunnar Bergenholtz and Dag Ørstavik who both shared warm and at times emotional reflections on their time in office. Fitting accolades were also paid to Bill Saunders and especially to Annabel Thomas before stand-up comedian Fred MacAulay took to the floor. Well known from TV and radio appearances in the UK, Fred brought tears to many an eye with his characteristically astute reflections on the madness of contemporary life. How would you know if someone had interfered with your luggage without you knowing about it? Think about this the next time you fly, and realise that you may be excluded from travel by failing the philosophy exam! It was then time for the Ceilidh band to strike up its accordions, to call the steps and for the Scottish dancing to begin!

And so to Saturday, the dappled sunlight warming cheerful faces, and with the promise of another endodontic feast. Friendly coexistence was found between the endo and the implant, and George Bogen from Los Angeles shared a clinical tour de force on the practice-transforming potential of MTA. A chameleon-like Francis Andreasen mesmerised a full auditorium with her review of conservative trauma

management, before ‘transforming’ into international prize-winning animated film maker Francis Østerfelt. Her short film on the life and times of Marie Curie was not only beautiful but poignant, illuminating the challenges faced by women in science and the previously unknown hazards of ionising radiations.

As testament to an outstanding scientific programme, auditoria remained full and question-times animated right through to the final sessions on pulp regenerative techniques and the realities of restoring root canal treated teeth.

These were truly uplifting days of scholarship, fellowship and discovery. The fullest thanks are due to the manufacturers and distributors of our dental products who supported this meeting so generously, to the staff of the Edinburgh International Conference Centre for their outstanding facilities and attentive but unobtrusive care, to the students of Dundee Dental School for their cheerful and willing help and to the entire British Endodontic Society team.

The ESE Congress has become a benchmark of excellence and we have all relished the opportunities it presents. Inspiration and professional development flourish in vibrant, positive company, and this was to be found in abundance in the lecture theatres, in the lobbies and trade-halls, in the clinical and research presentations and in the cosy bars of Edinburgh, Scotland’s delightful capital city.

Haste ye back, and look forward to seeing you in Rome 2011!

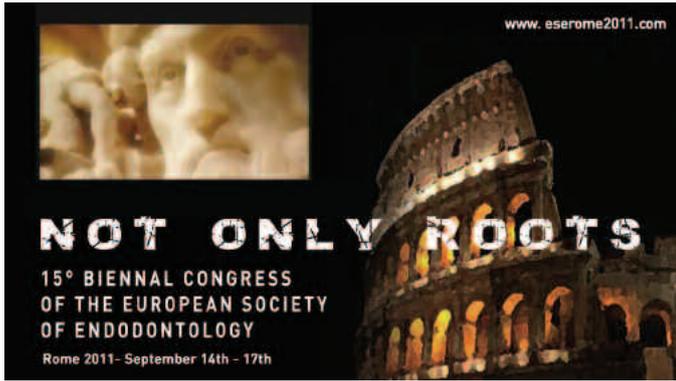


Figure 21 - Torquil McDuck (aka Dr Peter Duckmanton of Sydney, President of the Australian Society of Endodontology) enters into the Celtic spirit and enjoys his new crop of thick hair.

See you in Rome!

John Whitworth
President of the BES/Editor of the ESE

Rome 2011



NOT ONLY ROOTS

ROME 2011

Dear Colleagues,

on behalf of **SIE**, the Italian Society of Endodontics which I will represent as President, I am proud to inform you that Italy and by the way Rome will be the site for the 15th Biennial Congress of the European Society of Endodontology - E.S.E. in september 2011.

The meeting will cover research as well as clinic, there will be hands-on workshops and multidisciplinary sessions. On the other hand, Rome's historical monuments and sightseeing are going to fascinate not only participants but companions as well. The time of the year supposes the best weather conditions for visiting the city and the surroundings.

Rome is looking forward to seeing you in 2011

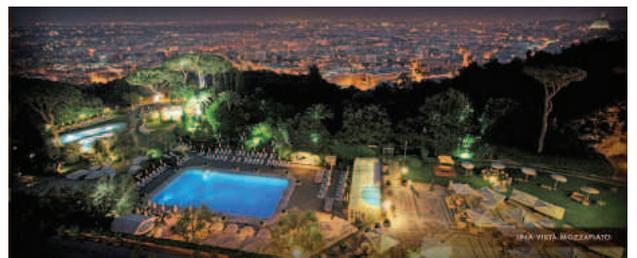
Congress President
Marco Martignoni

www.eserome2011.com

segreteria.sie@fastwebnet.it

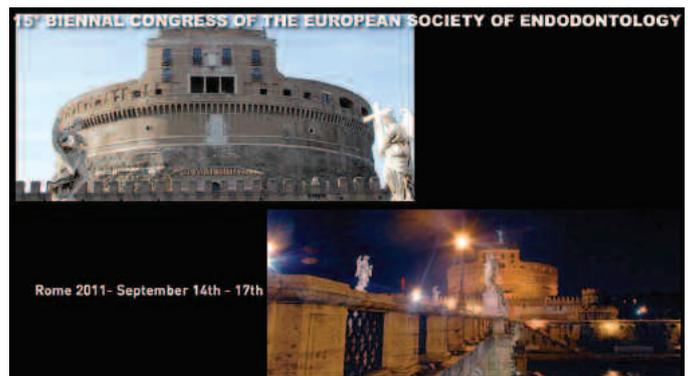


Congress venue



View of Rome from the congress venue

Dates for your diary!!



Kosova Society of Endodontology

In April 2009 the Kosova Society of Endodontology held their 4th Scientific Symposium in Side along with the Turkish Endodontic Society. The participants attended the scientific programs presented by Prof G Glickman, Prof C Yeşilsoy and Dr B Karabucak from the USA and Dr B Khayat from France. Out of the 250 participants, 80 were from Kosova. Much of last year was spent developing the Society and arranging our application for full membership of the ESE. Our case was successful and we were accepted as a full member at the General Assembly in Edinburgh. That is why we will never forget the Edinburgh ESE congress 2009. Although the weather in Edinburgh was cold, we had warm moments and wonderful memories.

During 28-31 October 2009 the Pan Albanian Congress was held in Tirana with 600 people attending. There were



The 4th Symposium in Side



The Pan Albanian Congress in Tirana



With friends at Edinburgh!

lecturers and presentations from Italy, Turkey, Germany, Greece, Bulgaria, Kosova, Macedonia and Albania. In all 121 lectures, oral and poster presentations were delivered. There were also three hands-on courses and an exhibition where 25 dental companies attended. Nearly 150 participants came from Kosova. As you can see, we are the 'Young Europeans' from Kosova and we like to learn and enjoy!

We thank you all for your great support and friendship.

Prof Dr Veton Hoxha

President, Kosova Society of Endodontology

Portuguese Society of Endodontology

The Portuguese Society of Endodontology held its annual meeting in Lisbon on the 15th October 2009. Four Portuguese speakers delivered lectures in the morning, under the general theme "From research to Clinics", Sancho Correia on fracture mechanisms of Ni-Ti instruments and its prevention, Claudia Martins on the efficacy and the management of the combined use of sodium hypochlorite and chlorhexidine,



Marco Martignoni and António Ginjeira

Rita Noites on the use of ozone as an intracanal antiseptic, and Manuel Marques Ferreira on autotransplants and revascularization.



Professor Fernando Goldberg with António Ginjeira



Professor Fernando Goldberg in characteristic action!!

In the afternoon, Marco Martignoni, Rome, Italy gave a 3 hour lecture on "Endodontics today: instruments and techniques to achieve success in routine practice"

On 18th November in the Lisbon Dental School, Professor Fernando Goldberg, Argentina lectured on a number of clinical subjects including, anatomy and access cavity preparation, rotary instrumentation, irrigation, obturation and evaluation of success. The meeting was organized by the Portuguese Society of Endodontology and sponsored by Dentsply Maillefer.

António Ginjeira

*President, Portuguese Society of Endodontology
Congress President-Elect - Portugal 2013*

First joint congress of the German Societies of Endodontology



The logo of the joint meeting

The first joint congress of the three German Associations of Endodontology, AGET, DGEEndo and the VDZE, was held from November

12th – 14th in Wiesbaden, Germany. The congress was organized by Dr. Torsten Neuber (AGET), PD Dr. Christian Gernhardt (DGEEndo) and Dr. Marco Georgi (VDZE). They presented a top-class program with renowned international speakers. More than 400 participants demonstrated their keen interest in recent developments in Endodontology. The meeting was accompanied by a dental exhibition.

The congress started on Thursday afternoon with several workshops. The participants had the opportunity to learn more about microscopy, literature searching, how to write a research paper and several other topics.

After several opening speeches, Dr Frank Setzer from Philadelphia, USA, talked about “Modern endodontic treatment planning”. He discussed the current literature on success, survival and failure in endodontics and implantology for decision making on whether to perform non-surgical retreatment, surgical retreatment or implant placement.

The second speaker was Meetu Kohli, also from Philadelphia, USA, who spoke about “Evidence and Prognosis of Surgical and Non-Surgical retreatment”. In her lecture she reviewed the literature of surgical and non-surgical retreatment in order to evaluate evidence based literature to find a decision



Some of the audience

between surgical and non surgical retreatment.

Next, Dr Helmut Walsch (Munich, Germany) talked about “Implementation and Execution of Clinical Excellence”. In his lecture he showed many impressive clinical endodontic cases. He emphasised that many previous procedural errors can be managed by knowing and respecting the root canal anatomy and by using modern endodontic techniques.



Ove Andreasen and Domenico Ricucci discussing their lectures and the latest Champion-League results (courtesy of Dr. A. Habash)!

In the afternoon session Prof Detlef Heidemann from Frankfurt, Germany gave a lecture on the history of Endodontology. Beginning in the time before Christ, he explained the development of endodontic procedures until today.

The last lecture of the day was given by Jens Ove Andreasen from Copenhagen, Denmark, about “The failing dental trauma patient”. His lecture presented reasons for failure. He introduced a newly developed ‘netbase’ that has the potential to predict these failures – at least to a certain degree.

The Saturday morning started with a very interesting presentation by Dr. Edgar Hirsch from Leipzig, Germany. On the basis of digital volume tomography software he explained different indications for three-dimensional diagnostics and their limitations.

Dr Wilhelm Pertot from Marseille, France then talked about “Treatment of Perforations”. He showed many impressive clinical cases and explained the different locations of perforations, and the respective treatment strategies using various materials for perforation seal.

An interesting lecture containing many histological pictures from clinical cases with extracted teeth was presented by Dr Domenico Ricucci from Cetraro, Italy. The pictures showed pulpal and periapical tissue reactions to caries and treatment procedures and especially the inflammatory reactions to patency techniques.



Paul Dummer – the last speaker of the meeting!

Prof Paul Dummer from Cardiff, UK, Editor of the IEJ gave an excellent, scientifically supported lecture about “Technical quality of root canal treatment and biological healing”. He presented an overview on the aetiology of apical periodontitis and reasons for post-treatment disease, such as poor technical quality and root canal anatomy.



Michael Hülsmann with his award

On Friday night the winners of the Endo-Awards for primary endodontic treatment, endodontic retreatment and endodontic surgery were honoured by the VDZE. An award was also given to Prof. Michael Hülsmann from Göttingen for his achievements in Endodontology over many years.

It was the hope of all participants that this first joint congress will mark the beginning of many other activities commonly organized by the AGET, VDZE, and DGEEndo. The number of participants and the overall successful congress has encouraged the three German endodontic associations to organize further interesting congresses.

Dr Steffi Drebenedt, Göttingen, Germany

Croatian Endodontic Society (CES)

The Croatian Endodontic Society's 10th International Endodontic Meeting was held on 19-21 March, 2009 in cooperation with the Department of Endodontics at the School of Dental Medicine in Graz, Austria. We started the collaborative scientific project, based mainly in Endodontics, two years ago with our colleagues from Graz University (Professor Peter Stadler). One of the colleagues, Professor Kurt Ebelseder, gave a presentation on "Endodontic Treatment of Traumatized Teeth," a study with amazing clinical results. In cooperation with Maillefer, Assistant Professor Joanna Laszkiewicz (Lodz, Poland) held a lecture on "Solving Problems in Retreatment." Both presentations were followed by very constructive discussions. Ivica Anic, Ivana Miletic and Bozidar Pavelic from the Department of Endodontics and Restorative Dentistry at the School of Dental Medicine, University of Zagreb held additional lectures covering important reasons for success in endodontic treatment. Many poster presentations were given during the meeting by members of the CES.



Participants of 10th International Endodontic Meeting of Croatian Endodontic Society in Zagreb

A series of hands-on courses on rotary endodontics (ProTaper technique) and thermoplasticized obturation techniques (Thermafil, Obtura and System B) were held on the second and third days of the meeting. The interest for the workshops exceeded expectations, as we had 10-12 participants in each course. For the last ten years, the Croatian Endodontic Society, in cooperation with Medica, has organized four hands-on courses per year in continental and Mediterranean parts of Croatia, covering the same topics.

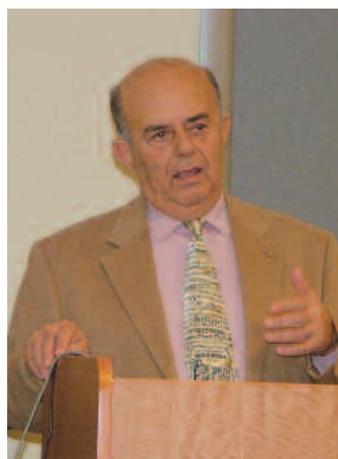
CES's next meeting will be held 19-20 March, 2010 in Zagreb, and will consist of lectures, hands-on courses, and poster presentations. Information will be available on our website: www.hed-endo.hr. The next meeting with our collaborators from the scientific group from Graz will be held in Spring 2010 in Opatija.

Ivica Anic

President of the Croatian Endodontic Society

Turkish Endodontic Society

The Turkish Endodontic Society has been organizing annual conferences from the time it was established in 1990. Each year a series of conferences have been organized that are free of charge to members. This year it began with the conference of Prof Gunduz Bayirli, the founder of the Society and Chairman of the Department of Endodontics in the Dental Faculty of Yeditepe University; the topic was "Success Rates in Endodontic Treatment".



Prof. Gunduz Bayirli addressing the Turkish Endodontic Society

The second conference was given by Assoc Prof Oguz Yoldas from Dental Faculty of Cukurova University. His lecture was about "Modern Root Canal Irrigation Techniques". These two conferences were held at the Dental Faculty of Yeditepe University with more than 100 participants.

Upcoming Meetings will be organized in Dental Faculties of Istanbul and Marmara Universities. Topics such as ; Bleaching, Diagnosis and Treatment of periapical lesions, Endodontic surgery and Restoration of endodontically treated teeth will be covered in these conferences by Professors from different universities with dental faculties in Turkey.

The Turkish Endodontic Society is organizing its 10th International Congress on 23-25 September 2010 in the Hilton Convention Centre, where the ESE ISTANBUL 2007 Congress was also organized. We look forward to seeing everybody again in Istanbul in what is the Turkish Endodontic Society's 20th anniversary - come join the celebrations!!

Professor Seckin Dindar

President, Turkish Endodontic Society



Assoc Prof Oguz Yoldas addressing the Turkish Endodontic Society

Czech Endodontic Society

The Czech Endodontic Society was established in 2007. Its constitutive meeting took place in Prague on 28 May, 2007 thanks to the commitment and hard work of a small committee of medical specialists with many years of experience in endodontics, namely Ludek Perinka, Lenka Roubalíková, and Jan Netolický. The main reasons for establishing the Czech Endodontic Society were to promote Endodontology within the profession, establish an active partnership with the European Society of Endontology (ESE), improve the representation and profile of Endodontology within Faculties of Medicine and to facilitate expert communication and discussion among dentists. At the



Fig 1: A large and attentive audience.

present time, the Society has about 50 members with representatives from both the Czech Republic and Slovakia. The Society's executive committee is currently made up Ludek Perinka (president), Lenka Roubalíková, (scientific secretary), MUDr. Jan Netolický Ph.D (treasurer), Simona Ságlová and Tomáš Horák. The Society has already started to meet its objectives. In 2008, the first three workshops open to Society members took place, where selected endodontic subjects and interesting case studies from daily practice were discussed. In 2008, we developed internationally, becoming a full member of the ESE in March and in September co-hosting an international meeting of ESE representatives in Prague in collaboration with the Czech Dental Chamber. In 2009, we continued with our popular workshops, with three informal meetings being held. The landmark first congress of the Czech Endodontic Society was held at the Hotel Pyramida in Prague on October 3. This event attracted 270 participants (Figure 1) both from our country and Slovakia, and met with a good response. The keynote speaker was Vinio Malagnino (Italy)



Fig. 2: Vinio Malagnino – keynote speaker at the first congress of the Czech Endodontic Society “Endodontics today”.

(Figure 2); other speakers included Peter Abelovsky (Slovakia), Vlastimil Graus (Slovakia), Ludek Perinka, Daniel Cerny, Lenka Roubalíková and Jan Netolický (all Czech Republic) (Figure 3). In 2010, the second Congress of the Czech Endodontic Society will be held on October 2nd in Prague. We also plan to continue our regular workshops 3 times per year.



Fig. 3: Members of the Czech Endodontic Society.

More information about the Society can be found on the Society's website: <http://www.endodont.cz>

Lenka Roubalíková, scientific secretary of CES.

European Society of Endodontic Postgraduate/ PhD Students (ESEPS)



Rafaël Michiels addressing the meeting.

We are proud to announce that during the 14th ESE congress in Edinburgh, the European Society of Endodontic Postgraduate/PhD Students (ESEPS) was established. The initiative for the

development of such association was undertaken during the 13th ESE congress in Istanbul by Dr Isabelle Portenier. During the congress in Edinburgh a second meeting and get-together was organized by Isabelle Portenier and Rafaël Michiels. The meetings were made possible and supported financially by the ESE Executive Board. Over 30 students from 10 universities in Europe attended the meetings. The structure and future goals of the society were discussed.

A founding committee was established in order to guide the development of the organization. It consists of Rafaël Michiels



The founding committee of the ESEPG – from the left: Amir, Ricardo, Rafaël and Isabelle Portenier

(University of Ghent), Amir Moinzadeh (University of Ghent) and Ricardo Macedo (ACTA, Academic Centre for Dentistry Amsterdam).

For the next 2 years our objectives are to:

- Establish the ESEPS as a fully-fledged organization;
- Promote and extend a professional network for future endodontic specialists and researchers;
- Encourage quality of endodontic postgraduate training and research;
- Promote exchange of professional and academic experiences;
- Support exchange programmes between Universities.

In order to achieve these goals, we will:

- Organize a pre-congress day for our members;
- Cooperate with the ESE board;
- Organize a student evening (social activity) at every ESE congress;
- Create a website to promote our organization.



After the meeting some light refreshments were provided by the Executive Board!



ESE Editor Paul Dummer in conversation with several PG students

Of course many other things will probably come to our mind. But as with all organizations, the beginning is difficult. As for now our founding committee will think of a constitution and create a structure to be able to achieve our goals. Every

attending university also appointed a representative, which will be able to give valuable input and backup to the founding committee. We would like to welcome all students enrolled in postgraduate or PhD programs in Endodontology to join the society.

In conclusion, we can only say: "Dimidium facti qui coepit habet."

Rafaël Michiels, Amir Moinzadeh and Ricardo Macedo

Rafaël Michiels: rafael.michiels@gmail.com
 Amir Moinzadeh: atmoinzadeh@gmail.com
 Ricardo Macedo: rgdmacedo@gmail.com

Wladimir Adlivankine ESE Research Prize 2009



Maarten Meire from Ghent University

The winner of the Wladimir Adlivankine ESE Research Prize for 2009 was Maarten Meire from Ghent University, Belgium for his presentation - Evaluation of Nd:YAG and Er:YAG irradiation and antibacterial photodynamic therapy on *Enterococcus faecalis* biofilms. His co-authors were: K. De Prijck², T. Coenye², H. J. Nelis², R. J. G. De Moor^{1,1} Department of Operative Dentistry and Endodontology, Dental School, Ghent University, Gent, Belgium; and ² Laboratory for Pharmaceutical Microbiology, Ghent University, Gent, Belgium.

Summary of project:

Current chemomechanical root canal preparation techniques cannot always predictably sterilize canals. Therefore, new methods to improve root canal disinfection are continuously being investigated. The specific characteristics of laser light together with the possibility that light can better reach the intricacies of the root canal system have raised interest in laser light for root canal disinfection. Several laser systems have been introduced into dentistry and most have been attributed disinfecting properties.

The aim of this study was to compare the antimicrobial efficacy of two high power lasers (Nd:YAG and Er:YAG) and two commercial antimicrobial photodynamic therapy (aPDT) systems with the traditional root canal irrigant on *Enterococcus faecalis* biofilms grown on dentine disks *in vitro*.

To this end, 24 hour *E. faecalis* biofilms were grown on dentine disks in a microtiter plate and subjected to the following treatment or control groups: aPDT using the Denfotex system, aPDT using the Helbo system, Er:YAG and Nd:YAG laser irradiation and immersion in sodium hypochlorite 0.5%. Surviving bacteria were harvested and the number of CFU per disk was determined by plate count.

Significant differences in viable counts compared to untreated controls were observed for: aPDT (Helbo) (2 log₁₀ reduction), Er:YAG irradiation using 100mj pulses (5 log₁₀ reduction) and all NaOCl treatments (>6 log₁₀ reduction). aPDT (Denfotex), Er:YAG irradiation using 50mj pulses and Nd:YAG treatment caused a (statistically insignificant) reduction in the viable counts of < 1 log₁₀.

In conclusion, NaOCl outperformed all other treatments.

Er:YAG laser treatment resulted in high reductions in viable counts. The fact that no direct contact is required is a possible advantage over NaOCl. A weak reduction in the *Enterococcus faecalis* biofilm cells was observed with aPDT. Nd:YAG irradiation was the least effective.

Summary of the career of Maarten Meire:

1997 - 2002: DDS, Ghent University, Belgium

2002 - 2005: Master in Endodontology, Ghent University, Belgium

2005 - present: part-time faculty at the Department of Operative Dentistry and Endodontology, Ghent University:

- Clinical activities: endodontic treatment (surgical and non-surgical) of referred patients and patients within the department.
- Research:
 - PhD topic: Use of laser technology in disinfection and sealing of root canals.
 - 2005: ESE annual research Grant.
- Participation in student education and postgraduate courses (endodontology).

2006 - present: part-time practice limited to endodontics, Antwerpen, Belgium

Association of Dental Education in Europe, Profile and Competences of the Graduating European Dentist (2009): ESE involvement in a visible presence for Endodontics

In November 2009, members of the ESE Education Committee were asked to provide a response on a revised 'Profile and Competencies for the Graduating European Dentist' document circulated by the Association of Dental Education in Europe.

For those not familiar with the Association of Dental Education in Europe (ADEE), it is a standing organisation which, since 1975, has been in the process of furthering professionalism in dentistry. Some 160 out of an approximately 200 dental schools in Europe are now members. This is believed to validate the position of ADEE as an official representative of dental schools in Europe.

In 1999, 29 ministers of education from European countries signed the Bologna Declaration, starting the process of aiming

to converge and harmonise the higher education systems of European countries. One of the tasks is to make teaching across Europe more comparable, to allow greater flexibility of staff and movement throughout Europe, and I'm sure also to work towards a uniformity of coverage and quality control throughout the European Union.

The 'Profile and Competences of the European Dentist' is a consensus document which seeks to do that for dentistry. First published in the Journal of Dental Education in 2005, and available on the ADEE web site, it has undergone a number of revisions, most recently in 2008/2009.

The Profile & Competencies document will continue to:

- i. Act as a leading document in supporting and advising on curriculum revisions in European Dental Schools, in harmonising and converging towards a European Dental Curriculum whilst respecting national and regional socioeconomic and cultural differences.
- ii. Assist Deans of dental schools in internal & national discussions.
- iii. Be used by teachers, curriculum coordinators and students in dental schools in Europe.
- iv. Help facilitate staff and student exchange within Europe and be used in global meetings on dental education in order to promote global convergence.
- v. Help to raise the quality of dental care provided by dentists educated in the European context.
- vi. Serve as a basic document on activities towards benchmarking and best practice.

In short, this is an important document and one into which the ESE must have significant input. We cannot count on others to understand or represent the needs of Endodontic education on our behalf and must be timely, clear and reasoned in our representations. The importance attached to the ADEE and its Profile and Competencies document is highlighted by the expectation that the new Chair of the ESE Education Committee will also serve as the ESE official representative to the ADEE.

So much for that, what was our response and what was the outcome?

1. Use of distinctive titles to clearly reflect a distinctive knowledge and skills-base.

Our key request was for Endodontology to appear as a distinct entity (it had not in previous versions), alongside Periodontology, and distinct from Cariology and Operative Dentistry.

We believed that without this explicit distinction and support, Endodontology was unlikely to receive the special focus and resource required to develop teachers and infrastructure

commensurate with excellence in training and patient care

2. Definition of competencies.

Much of this was to do with the detail of wording, but the implications of many were important, for example, inserting:

‘managing pulpal and periradicular disease and disorders’

‘evaluating the pulp and periradicular tissues, establishing a diagnosis and prognosis and formulating a treatment plan’

‘recognising and managing endodontic failure’

Without getting into a line-by-line account, our goal was to seek visibility for Endodontology as a distinct entity, alongside specialities that were already managed in this way, like Periodontology. Again, if we don’t shout for Endodontology, nobody else will.

I’m pleased to report that all of our detailed requests were accommodated, and generally word-for-word. In the words of Claus Löst, ‘our intervention has caused Endodontology to be distinctly visible in the 2009 update’.

A task well done, and thank you to Paul Dummer and Claus Löst for their valuable input.

This is a work in progress. The Endodontic education of dental students remains a passion for many of us, and as Education Committee Chair, I will be looking to establish a small committee of like-minded individuals who can represent Endodontics from different socioeconomic and cultural perspectives and work with ADEE in its mission. Through that committee and working with ESE Executive, the ESE needs to establish just what its role is in defining, monitoring and promoting Endodontic education, working with schools and national societies, supporting the initial and continuing education of Endodontic teachers and promoting innovation and research in Endodontic teaching and evaluation.

John Whitworth

*Chair, ESE Education Sub-committee
ESE Editor*

Executive Board meeting and General Assembly – Edinburgh

The ESE Congress in Edinburgh provided an opportunity for the Executive Board and General Assembly to meet.

Items discussed at the GA included:

- Reports from the Executive Board, including the budget for 2010;
- The Edinburgh congress;
- The Rome 2011 congress;

- The decision on the venue for the 2013 biennial congress – Lisbon, Portugal;
- Approval of the application of the Kosova Society of Endodontology as a full member society;
- Election of the new Executive Board members;
- Guidelines for Congress Organisers;
- Support for the IADR Pulp Biology and Regeneration Group by co-funding a symposium on Inflammation and Regeneration to take place in Geneva on 18 – 20th of July 2010;
- Making the general public and authorities aware of the existence of endodontics and what it can do to preserve teeth in good health – a small working group was established to take this forward;
- The background to the ADEE, and the nature of the document “Profile and competences of the European dentist”;
- EU recognition of the specialty;
- Accreditation of speciality programmes.



The Executive Board listening to Congress President Bill Saunders



The General Assembly in session

Retiring ESE President Gunnar Bergenholtz celebrates his 70th birthday!!

A surprise 70th birthday celebration was organised for retiring ESE President Gunnar Bergenholtz at the Spring 2009 meeting of the Executive Board. Kathrin, wife of the ESE Secretary, organised a magnificent ESE cake in recognition of Gunnar's birthday that was presented at their home. The pictures below tell the story!!



Selecting the wine



The surprise gift presented by Dag Ørstavik!



The cake



Carmen Buckley and Claus Löst looking on with Hakki Sunay



The initial incision!