



14th Biennial Congress of the European Society of Endodontology

## **CONGRESS PROGRAMME**

Edinburgh International Conference Centre  
September 24-26 2009  
Edinburgh, Scotland

[www.esedinburgh.com](http://www.esedinburgh.com)

## CONGRESS PROGRAMME

### PRE-CONGRESS COURSES

#### Wednesday 23 September 2009

09.00 – 17.00 hrs. Places are very limited.

Please check availability on website before booking.

- 1 **Non-Surgical Re-Treatment**  
**Dr Arnaldo Castellucci**  
Private Practice, Florence, Italy  
Full Day: Lecture followed by Hands-on  
**Sponsored by Dentsply Maillefer**
- 2 **Endodontic Microsurgery**  
**Dr Marga Ree and Mr Michiel De Cleen**  
Private Practices, The Netherlands  
Full Day: Lecture and Hands-on  
**Sponsored by Acteon Satelec**
- 3 **Mastering excellence in endodontics**  
**Dr Julian Webber**  
Private Practice, London  
Full Day: Lecture followed by Hands-on  
**Sponsored by Dentsply Maillefer**
- 4 **The Wiley-Blackwell Workshop for Writers and Referees**  
**14.00 - 17.00 hrs**  
**Sponsored by Wiley-Blackwell**
- 5 **The Literature based State of the Art in Endodontics:2009**  
**Dr Richard Mounce**  
Private Practice, Washington, USA  
Full Day: Lecture and Hands-on  
**Sponsored by SybronEndoEurope**

There will be additional Meetings for the ESE General Assembly and The Flemish Society of Endodontology taking place on Wednesday.





### Wednesday 23 September 2009

Time

1800 – 2000

**Welcome Reception in Cromdale Hall and early Registration**

### Thursday 24 September 2009

Time

Lecture Hall 1

Lecture Hall 2

Lecture Hall 3

Lecture Hall 4

0800 onwards

Registration - Strathblane Foyer

0900 – 0945

**Opening Ceremony**

0945 – 1030

Coffee / Tea

Coffee / Tea

Coffee / Tea

Coffee / Tea

1030 – 1130

**Chair**  
**- Dr John Whitworth**

Aetiology of apical periodontitis – the nature of infection

**Professor Kishor Gulabivala**  
Eastman Dental Institute, London, UK

**Chair - Dr Howard Lloyd**

Final preparation size of the physiological foramen through recognition of the root canal system morphology: evidence based decision making

**Professor Dr Benjamin Briseno**  
University of Mainz, Germany

**Chair - Dr Brett Robinson**

Infectious diseases update: changing risks in a shrinking world

**Professor Jeremy Bagg**  
University of Glasgow Dental School, UK

**Chair - Professor Roland Weiger**

Wladimir Adlivankine Prize Session

1140 – 1240

Biofilms: their distribution in the root canal and their role in treatment failure

**Professor Bill Costerton**  
Allegheny General Hospital and Research Institute, Pittsburgh, USA

Seeking where, when, why and how to locate apical terminus of the root canal preparation

**Professor Vladimir Ivanovic**  
University School of Dentistry, Belgrade, Republic of Serbia

Wladimir Adlivankine Prize Session

1240 – 1400

Lunch

Lunch

Lunch

Lunch

1400 – 1500

**Chair - Professor William Saunders**

Dental abscess - A microbiological timebomb!

**Professor Michael Lewis**  
School of Dentistry, University of Cardiff, UK

**Chair - Dr Michael Waplington**

Root canal instrumentation by hand: stainless steel versus NiTi instruments

**Professor Dr Edgar Schafer**  
University of Munster, Germany

**Chair - Dr Mark Hunter**  
Oral Presentations on freely chosen topics

**1400-1420 G Aersaert**  
(Aalter, Belgium)

Compromised teeth: looking for the balance between retreatment and extraction.

**1420 -1440 G Caron**  
(University of Paris, France)

Chasing hidden canals: a real challenge for the endodontist

**1440-1500 S Floratos**  
(University of Pennsylvania, USA)

Surgical Versus Non-Surgical Retreatment: Treatment Decision

**Chair - Mr Nigel Foot**  
Oral Presentations on freely chosen topics

**1400-1420 L Bjorndal**  
(University of Health Sciences, Copenhagen, Denmark)

Direct pulp capping versus partial pulpotomy in adults with caries - a randomised clinical trial

**1420-1440 P Duckmanton**  
(Sydney Dental Hospital, Australia)

Cross Sectional study of endodontic treatment in an Australian population

**1440-1500 Y-L Ng**  
(UCL Eastman Dental Institute, London, UK)

Factors affecting outcome of non-surgical root canal treatment - A prospective study

Thursday 24 September 2009				
Time	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4
1510 – 1610	<p>Periapical pathology and the pathogenesis of radicular cysts</p> <p><b>Professor Paul Speight</b> University of Sheffield, UK</p>	<p>Rotary instrumentation: the past, the present and the future</p> <p><b>Dr Howard Lloyd</b> Howard Lloyd Endodontics, Maidenhead, UK</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1510-1530 E Merino</b> (European University, Madrid, Spain) Endodontic Microsurgery: Hard tissue considerations</p> <p><b>1530-1550 M Giovarruscio</b> (Rome, Italy) Restoration of endodontically treated teeth: a clinical approach</p> <p><b>1550-1610 AAR Hashem</b> (Ain Shams University, Cairo, Egypt) Endodontic perforations: what do we really know about them?</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1510-1530 N Adams</b> (School of Dentistry, Birmingham, UK) Technical quality of undergraduate root fillings in an endodontic special study module.</p> <p><b>1530-1550 M Kaval</b> (Ege University School of Dentistry, Izmir, Turkey) The accuracy of electronic working length determination on teeth with large cyst-like periapical lesions</p> <p><b>1550-1610 S Dahan</b> (Universite Paris Diderot, Paris, France) PAI evaluated outcome of infected endodontically teeth treated with a standardized treatment protocol</p>
1610 – 1655	Coffee / Tea	Coffee / Tea	Coffee / Tea	Coffee / Tea
1655 – 1755	<p>Actinomyces survive in vital host tissues by building biofilms</p> <p><b>Professor Ramachandran Nair</b> University of Zurich, Switzerland</p>	<p>Non-surgical retreatment - desperation or salvation?</p> <p><b>Dr Bun San Chong</b> King's College London Dental Institute and Lister House Endodontic Practice, London, UK</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1655-1715 M D Chiperi</b> (Munich, Germany) In vivo electronic measurement of working length change in root canals of molars during instrumentation</p> <p><b>1715-1735 P Kiefner</b> (Stuttgart, Germany) Endodontic treatment of teeth with obliterated root canals - from pain to pleasure</p> <p><b>1735- 1755 R Nesari</b> (University of California, San Francisco, USA) Cone-beam CT in Endodontics: Are we there yet?</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1655-1715 M Vaeth</b> (Aarhus University, Denmark) A comparison of statistical methods for identification of risk factors for developing apical periodontitis</p> <p><b>1715-1735 A Krokidis</b> (University of Brescia, Italy) Polymerization degree and cementation methods of two different self adhesive luting cements.</p> <p><b>1735- 1755 A R Ozok</b> (ACTA, Amsterdam, The Netherlands) Detection of vertical root fractures by Cone Beam Computed Tomography ex vivo</p>

Friday 25 September 2009				
Time	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4
0900 – 1000	<p><b>Chair – Professor Paul Dummer</b></p> <p>Chemical root canal debridement</p> <p><b>Dr Matthias Zehnder</b> University of Zurich, Switzerland</p>	<p><b>Chair – Professor Philip Lumley</b></p> <p>Chronic pain: not all in the mind?</p> <p><b>Professor David Wray</b> Glasgow Dental Hospital and School, UK</p>	<p><b>Chair – Dr Sanjeev Bhandari</b></p> <p>Oral Presentations on freely chosen topics</p> <p><b>0900-0920 I Oikonomou</b> (University of Athens, Greece) Interappointment flare ups: causes and treatment modalities</p> <p><b>0920-0940 G Rossi-Fedele</b> (Private Practice, London, UK) Cone Beam Computed Tomography in Endodontic Diagnosis</p> <p><b>0940-1000 S Simon</b> (University of Paris, France) Dental Pulp: The Root Canal Filling Material of the Future?</p>	<p><b>Chair – Dr Francesco Mannocci</b></p> <p>Oral Presentations on freely chosen topics</p> <p><b>0900-0920 L Peters</b> (Academic Centre for Dentistry, Amsterdam, The Netherlands) Radiographic re-evaluation and CBCT-evaluation of peri-apical healing ten years after endodontic treatment in one and two visits</p> <p><b>0920-0940 T Tsurumachi</b> (Nihon University School of Dentistry, Tokyo, Japan) Autotransplantation: a clinical and radiographic follow-up study</p> <p><b>0940-1000 M-K Wu</b> (ACTA, Amsterdam, The Netherlands) Limitations of previously published systematic reviews to evaluate the outcome of endodontic treatment</p>
1000 – 1045	Coffee / Tea	Coffee / Tea	Coffee / Tea	Coffee / Tea
1045 – 1145	<p>How clean is your house? - intracanal medicaments and the single visit controversy</p> <p><b>Dr John Whitworth</b> University of Newcastle, UK</p>	<p>Internal and cervical tooth resorptions: diagnosis and treatment – where are we going?</p> <p><b>Professor Markus Haapasalo</b> University of British Columbia, Canada</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1045-1105 I Tsesis</b> (Tel Aviv University, Israel) Diagnosis of vertical root fractures to prevent bone loss prior to implant placement</p> <p><b>1105-1125 C Allam</b> (St Joseph University School of Dentistry, Beirut, Lebanon) How to perform your root-end preparation and root-end filling through the maxillary sinus</p> <p><b>1125-1145 D Honegger</b> (Versoix, Switzerland) Microscope: from endodontics to general practice - a dream come true</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1045-1105 A Didilescu</b> (Carol Davila University, Bucharest, Romania) 'Orange' and 'green' complex microorganisms in combined endo-periodontal lesions</p> <p><b>1105-1125 O Saracoglu</b> (Istanbul University, Turkey) The effect of two different calcium hydroxide mixtures on the inhibition of cyclooxygenase enzymes.</p> <p><b>1125-1145 C Beltes</b> (Aristotle University of Thessaloniki, Greece) Photodynamic Antimicrobial Therapy using Indocyanine green and a near-infrared diode laser. A preliminary in-vitro study.</p>
1155 – 1255	<p>Obturation: Concepts, truths and misconceptions?</p> <p><b>Professor Gerald Glickman</b> Texas A &amp; M University /Baylor College of Dentistry, Dallas, USA</p>	<p>Soft tissue considerations in endodontic surgery</p> <p><b>Dr Peter Velvart</b> Speciality Endodontic Practice, Zurich, Switzerland</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1155-1215 M Alisafis</b> (University School of Dentistry, Athens, Greece) Is removal of broken instruments always feasible or desirable?</p> <p><b>1215-1235 A Gusiyska</b> (Medical University, Sofia, Bulgaria) Bioceramics of calcium phosphate in endodontic treatment – a case report.</p> <p><b>1235-1255 G Plotino</b> (Catholic University of Sacred Heart, Rome, Italy) Endodontic illusions in root canal preparation: a micro-computed tomography study</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1155-1215 R Love</b> (University of Otago, New Zealand) Analysis of radiolucent jaw lesions</p> <p><b>1215-1235 P Zaslansky</b> (Max-Planck Institute of Colloids and Interfaces, Potsdam, Germany) Phase-enhanced Micro-tomography of Root Canal Fillings: a 3D Study</p> <p><b>1235-1255 J Michetti</b> (UFR d'Odontologie, Toulouse, France) Detailed exploration of root canal morphology by the 9000 3D® Kodak device</p>
1255 – 1415	Lunch	Lunch	Lunch	Lunch

Friday 25 September 2009				
Time	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4
1415 – 1515	<p><b>Chair - Dr Anthony Hoskinson</b></p> <p>Complications and procedural mishaps during root canal therapy</p> <p><b>Mr Simon Cunningham,</b> Cunningham Endodontics, London, UK</p>	<p><b>Education Symposium Chair - Professor William Saunders</b></p> <p>Understanding endodontics using virtual reality</p> <p><b>Dr Paul Brown</b> University of Stanford, California, USA</p> <p>Modern digital means to facilitate endodontic education</p> <p><b>Dr Unni Endal</b> Institute of Clinical Dentistry, Blindern, Norway</p>	<p><b>Chair - Dr Stephen Cawte</b></p> <p>Oral Presentations on freely chosen topics</p> <p><b>1415-1435 E Cotti</b> (University of Cagliari, Sardinia, Italy)</p> <p>Piezosurgery in Endodontics: a suggested technique</p> <p><b>1435-1455 H Shemesh</b> (ACTA, Amsterdam, The Netherlands)</p> <p>Induction of dentinal defects through root canal preparation and filling</p> <p><b>1455-1515 C Zogheib Mubarak</b> (University School of Dentistry, Beiret, Lebanon)</p> <p>Influence of apical final diameter on the sealing ability of AHPlus and RealSeal: an in-vitro study</p>	<p><b>Chair - Dr Alison Qualtrough</b></p> <p>Oral Presentations on freely chosen topics</p> <p><b>1415-1435 F Paque</b> (University of Zurich, Switzerland)</p> <p>New approaches in endodontic research using high resolution micro-computed tomography</p> <p><b>1435-1455 F Diemer</b> (UFR d'Odontologie, Toulouse, France)</p> <p>Effect of asymmetry on the behaviour of rotary triple helix root canal instruments</p> <p><b>1455-1515 R Gergi</b> (Saint Joseph University, Beirut, Lebanon)</p> <p>The twisted file: a new prototype in endodontic shaping</p>
1525 – 1625	<p>'Finding your way back in'</p> <p><b>Dr Julian Webber</b> The Harley Street Centre for Endodontics, London, UK</p>	<p>The assessment of education in endodontics.</p> <p><b>Professor Michael Manogue</b> Leeds Dental Institute, Leeds, UK</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1525-1545 J P Mallet</b> (Universite Paul Sabatier, Toulouse, France)</p> <p>An innovation for initial endodontic treatment: The asymmetrical cross sectional Ni Ti file</p> <p><b>1545-1605 F Perez</b> (University of Rennes, France)</p> <p>Comparison of the shaping ability of two NiTi rotary instruments in curved resin simulators.</p> <p><b>1605-1625 I Akcay</b> (Ege University, Izmir, Turkey)</p> <p>In vitro assessment of the antimicrobial efficacy of various irrigation solutions by two activity tests</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1525-1545 S Lacey</b> (King's College London, UK)</p> <p>Rheological studies of an experimental endodontic sealing material</p> <p><b>1545-1605 E O Onay</b> (Baskent University School of Dentistry, Ankara, Turkey)</p> <p>An In Vitro Evaluation of the Apical Sealing Ability of New Polymeric Endodontic Filling Systems</p> <p><b>1605-1625 H Ersev</b> (Istanbul University, Turkey)</p> <p>Cytotoxicity of various sealers on I929 cell line and human dental pulp cells</p>
1625 – 1710	Coffee / Tea	This session will not take a tea break at this time.	Coffee / Tea	Coffee / Tea
1710 – 1810	<p>Endodontic success and failure - some philosophical aspects</p> <p><b>Dr Thomas Kvist</b> Goteborg University, Sweden</p>	<p>Education - Undergraduate and specialist teaching</p> <p><b>Professor Eric Rivera</b> University of North Carolina, USA</p> <p>Relationship between Organised Dentistry, Board Certification and the development of Advanced Speciality Education programmes in endodontics</p> <p><b>Dr Carl Newton</b> Specialty endodontic practice in Indianapolis and Avon, Indiana USA</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1710-1730 AR Farhad</b> (Isfahan University of Medical Sciences, Iran)</p> <p>The effect of three different root canal irrigant protocols for removing smear layer on the apical microleakage of AH-26 sealer</p> <p><b>1730-1750 M Good</b> (The Royal Hospitals, BHSC, Belfast)</p> <p>Endodontic solutions: an audit comparing current practice in Belfast with UK and Ireland dental schools</p> <p><b>1750-1810 L-M Jiang</b> (ACTA, Amsterdam, The Netherlands)</p> <p>The Cleaning Efficiency of Ultrasonic activation of Irrigant with and without Pulsation</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1710-1730 E Nagas</b> (Hacettepe University, Ankara, Turkey)</p> <p>Effects of interfacial fiber-reinforced composite application and different light curing modes on Resilon-Epiphany bond strength</p> <p><b>1730-1750 KT Ceyhanli</b> (Ege University School of Dentistry, Izmir, Turkey)</p> <p>Evaluation of microleakage of four different post cementation materials using the computerized fluid filtration method</p> <p><b>1750-1810 E Medioni</b> (Nice Dental University, France)</p> <p>Fibre Post fitting in root canals prepared with NiTi files</p>

Saturday 26 September 2009				
Time	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4
0900 – 1000	<p><b>Chair - Dr John Whitworth</b></p> <p>Endo and implants - a friendly coexistence!</p> <p><b>Dr Uwe Radmacher</b> Germany</p>	<p><b>Chair - Professor Gerald Glickman</b></p> <p>Changing endodontic concepts and outcomes: the multifaceted use of mineral trioxide aggregate</p> <p><b>Dr George Bogen</b> Private endodontic practice, Los Angeles, USA</p>	<p><b>Chair - Mr James Aquilina</b></p> <p>Oral Presentations on freely chosen topics</p> <p><b>0900-0920 Y O Zorba</b> (Kirikkale University, Turkey) Effect of propolis extracts as a vehicle for calcium hydroxide</p> <p><b>0920-0940 F Ozdemir</b> (Suleyman Demirel University, Isparta, Turkey) Efficacy and pulpal effects of two 35% H2O2 based in-office bleaching materials on fluorosed teeth</p> <p><b>0940-1000 G Uccelli</b> (Pisa, Italy) The mechanical glide-path with Endowave ni-ti rotary files</p>	<p><b>Chair - Dr Paula Ng</b></p> <p>Oral Presentations on freely chosen topics</p> <p><b>0900-0920 N Mohamadzadeh Akhlaghi</b> (Islamic Azad University, Tehran, Iran) Comparison of the efficacy of MTAD, Glyde and EDTA in debridement of the apical third in curved root canals</p> <p><b>0920-0940 B Lak</b> (ACTA, Amsterdam, The Netherlands) The evaluation of the apical cleaning efficiency of two irrigant activation systems</p> <p><b>0940-1000 B Verhaagen</b> (ACTA, Amsterdam, The Netherlands) High-speed visualization of irrigant flow in root canals</p>
1000 – 1045	Coffee / Tea	Coffee / Tea	Coffee / Tea	Coffee / Tea
1045 – 1145	<p><b>Chair - Dr Gunnar Bergenholtz</b></p> <p>Traumatology: hands off - and save teeth!</p> <p><b>Dr Frances Andreassen</b> Copenhagen University, Denmark</p>	<p><b>Chair - Professor Kishor Gulabivala</b></p> <p>A new era for NiTi rotary instrumentation</p> <p><b>Professor Gianluca Gambarini</b> University of Rome and private practice limited to Endodontics in Rome, Italy</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1045-1105 M Vogels</b> (University Medical Centre, Groningen, The Netherlands) Effectiveness of two ultrasonic irrigation systems and syringe irrigation for removing dentine debris: an ex vivo study</p> <p><b>1105-1125 BT Turk</b> (Ege University, Izmir, Turkey) Antimicrobial and Chemical Analyses of Various Chlorhexidine Solutions</p> <p><b>1125-1145 F Bronnec</b> (Denis Diderot University, Paris, France) In vitro assessment of irrigant penetration and renewal during the final irrigation regimen: A digital subtraction radiographic study</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1045-1105 BR Basrani</b> (University of Toronto, Canada) Detection and negotiation of accessory mesial canals in mandibular first and second molars</p> <p><b>1105 -1125 V Franco</b> (Private Practice, Rome, Italy) New instruments or new movement? Ni-Ti instruments used with reciprocating movement</p> <p><b>1125 – 1145 P Sleiman</b> (Lebanese University Dental School) Advantages and disadvantages of the heat treatment on the Nickel titanium alloy structure</p>
1155 – 1255	<p>Traumatology: Revascularisation of immature teeth with periapical lesion</p> <p><b>Dr Asgeir Sigurdsson</b> Private endodontic practice, Reykjavik, Iceland. Honorary Clinical Teacher in Endodontology at UCL Eastman Dental Institute, London UK.</p>	<p>Do radiographs have a future in endodontics?</p> <p><b>Dr Donald Thompson</b> Dundee Dental Hospital and University of Dundee, UK</p>	<p>Oral Presentations on freely chosen topics</p> <p><b>1155-1215 E Ambu</b> (University of Modena, Italy) Action of an antibiotic irrigant</p> <p><b>1215-1235 K Mustafa</b> (Selcuk University, Turkey) Cytotoxicity and expression of genes related to apoptosis in osteoblast cultures when treated with sealer-extracts</p> <p><b>1235-1255 I Khalil</b> (Saint Joseph University, Beirut, Lebanon) Evaluation of the biocompatibility of a new endodontic cement based on Portland cement</p>	
1255 – 1415	Lunch	Lunch	Lunch	Lunch

Saturday 26 September 2009				
Time	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4
1415 – 1515	<p><b>Chair - Professor Vladimir Ivanovic</b></p> <p>Local anaesthetics – risks and controversies</p> <p><b>Dr John Meechan</b> University of Newcastle, UK</p>	<p><b>Chair - Dr Carol Tait</b></p> <p>So much for the endodontics what about the restoration?</p> <p><b>Professor Richard Ibbetson</b> University of Edinburgh, UK</p>		
1525 – 1625	<p>Apical surgery: root-end resection and root-end cavity preparation</p> <p><b>Professor Thomas von Arx</b> University of Berne, Switzerland</p>	<p>New perspectives in adhesive post endodontic restoration</p> <p><b>Professor Dr Antonio Cerutti</b> University of Brescia, Italy</p>		
1625 – 1710	Coffee / Tea	Coffee / Tea		
1710 – 1810	<p>A new vision of endodontic surgery</p> <p><b>Dr Bertrand Khayat</b> Practice limited to Endodontics, Paris, France</p>	<p>Fibre posts and dentine adhesion: the true story</p> <p><b>Dr Francesco Mannocci</b> Guy's Hospital, London, UK</p>		

The Congress Organisers reserve the right to amend the programme as necessary.