

# roots

international magazine of endodontics



## CE article

The dental operating  
microscope in endodontics

## trends & applications

Bioactivity in restorative dentistry:  
A user's guide

## ROOTS SUMMIT special

Lecture programme, abstracts  
and speaker information







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**Stephen Jones**

Guest Editor  
Co-Chairman of the ROOTS SUMMIT



## Dear readers and friends,

Welcome to ROOTS SUMMIT 2018! We are delighted to be in historic Berlin in Germany and to be hosting our meeting in the European School of Management and Technology (ESMT). This majestic building was the headquarters of the former German Democratic Republic State Council. The imposing architectural aesthetics of the building are spectacular. After the great success of ROOTS SUMMIT 2016 in Dubai, this year's edition could not have found a more ideal location.

When introduced to ESMT, I was pleased to find that their focus is on three principles: leadership, innovation and analytics. These items have also been very much part of the DNA of ROOTS for the past 20 years. We are pleased to be able to have our event in a school setting that reflects our ideals too.

**Leadership** is shown by the over 50 countries represented at this meeting, guided by their top opinion leaders and most forward-thinking endodontists and dentists.

**Innovation** is what people are seeking whenever they attend a continuing education course, innovation in terms of treatment planning, visualisation, irrigation protocol, instrumentation, filling techniques, etc.

**Analytics** are key to any successful treatment and something that all ROOTS members take very seriously. Analysing what to do, what equipment to use, single appointment versus multiple, restorative options, etc. is a critical component in treating patients. The fact that ROOTS members confer with each other globally 24 hours a day speaks volumes to how seriously everyone attending the ROOTS SUMMIT regards the subject of planning endodontic treatments.

Dr David E. Jaramillo has organised a topical and relevant meeting with an extremely high level of scientific relevance. Our impressive list of some of the world's leading endodontic speakers will translate the science

to how it can benefit you by benefiting your patient. As is always the case at a ROOTS SUMMIT, we have speakers from multiple countries and backgrounds, including a mix of academia, education and clinical practice. In addition to the ten speakers David has organised for us, Dr Freddy Belliard has scheduled 17 diverse and unique hands-on workshops, some of which sold out well in advance of the SUMMIT.

To many participants, the highlight of a ROOTS SUMMIT is viewing the poster and case presentations submitted by their fellow members of the ROOTS Facebook group. Both of these competitions will take place on 29 June. We received an enthusiastic response and a very high level of submissions to participate in this part of the programme. David has narrowed it down to ten posters and ten presentations. Over the years, several of our main-stage speakers have come from this segment of the programme.

The entire programme, especially the hands-on workshops, would not be possible without the generous and unconditional support of our sponsors. Please spend some time talking to these kind people who support ROOTS on an ongoing basis and help make this meeting possible. You will be among some of the best and most knowledgeable people marketing endodontic products anywhere in the world, so please make good use of your time with these valuable partners. They are a great resource for knowledge and technique information. You will be surprised how much they also have to teach you.

We will have a very busy, interesting and extremely educational few days in Berlin. Thank you for joining us at ROOTS SUMMIT 2018!

Stephen Jones  
Guest Editor  
Co-Chairman of the ROOTS SUMMIT





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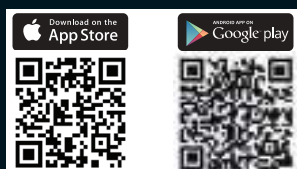
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# Hands-on courses

Thursday, 28 June 2018

## 9:00–10:30

Modern instrumentation of the root canal—  
an introduction to the S1 reciprocation one file system  
with the efficient, flexible and safe S1 Plus files  
*Speaker: Johan Ohlin/Sponsor: Sendoline AB*

Impact of the dental operating microscope on the  
diagnostic and therapeutic stages of root canal therapy  
*Speaker: Dr Sergio A. Rosler/  
Sponsor: Seiler Instrument & Mfg Co., Inc.*

Paradigm shift to 3-D endodontics:  
XP-endo sequence, anatomical shaping and cleaning  
with the exclusive adaptive core technology  
*Speaker: Klaus Lauterbach/Sponsor:  
FKG Dentaire S.A./American Dental Systems GmbH*

Technological advancements for safe root canal  
preparations: reciprocating preparation  
with simultaneous length determination  
*Speaker: Dr Mario Zuolo/Sponsor: VDW GmbH*

10:30–11:00 Coffee break

## 11:00–12:30

Technological advancements for safe root canal  
preparations: reciprocating preparation  
with simultaneous length determination  
*Speaker: Dr Mario Zuolo/Sponsor: VDW GmbH*

How to become a hero for your patients transforming  
endodontic failures into successful cases:  
5 different uses of MTA in endodontics  
*Speaker: Dr Ricardo Tonini/  
Sponsor: Produits Dentaires SA*

Intraosseous anesthesia:  
the key for successfully and immediately  
anesthetizing hot pulps  
*Speaker: Dr Stéphane Diaz/Sponsor: Dental Hi Tec*

One file fits all? Facts and fiction  
*Speaker: Dr Bernard Bengs/  
Sponsor: Coltène/Whaledent GmbH*

The art of endodontics: A hands-on course  
*Speaker: Dr Stephen Buchanan/  
Sponsor: Dental Engineering Laboratories*

12:30–14:00 Lunch break

## 14:00–15:30

A universal, safe and efficient combination  
for success in root canal treatment  
*Speaker: Dr Hugo Sousa Dias/Sponsor: Mani Inc.*

Irrigation: Past and current state  
*Speaker: Beatriz Del Valle/Sponsor: Neolix SAS*

Back to the roots: Retreatments done the easy way  
*Speaker: Dr Sebastian Bürklein/  
Sponsor: Komet Dental Gebr. Brasseler*

Value added cleaning and disinfection with  
Laser Activated Irrigation—new paths  
with PIPS and SWEEPS: evidence and critical analysis  
*Speaker: Prof. Roeland De Moor/Sponsor: Fotona d.o.o.*

15:30–16:00 Coffee break

## 16:00–17:30

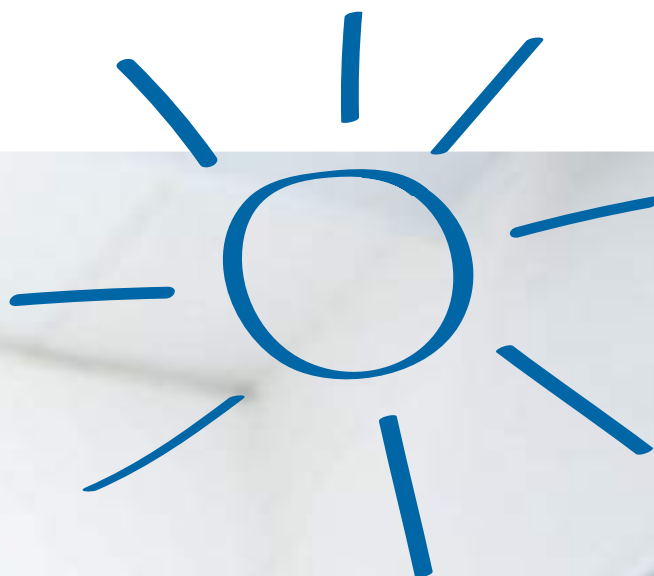
Treatment of endodontic perforations  
with bioceramic materials  
*Speaker: Dr Mario Zuolo/  
Sponsor: Angelus Indústria de Produtos*

Root canal retreatment lectureship  
*Speaker: Dr Bing Fan/Sponsor: Zumax Medical Co, Ltd*

Morita TR ZX2: An innovative and clever device that  
saves time and increases safety  
*Speaker: Dr Sebastian Riedel/  
Sponsor: J. Morita Europe GmbH*

Obturation in 3-D continuous wave technique or  
hydraulic condensation: how, when and where?  
*Speaker: Dr Walter Vargas Obando/  
Sponsor: Meta Biomed Inc.*





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# Lecture programme

## ROOTS SUMMIT 2018

### Day 1: Friday, 29 June 2018

08:45–09:00 Opening

*Dr Freddy Belliard & Stephen Jones*

9:00–11:00 Invasive cervical resorption:  
A clinical approach

*Dr Elisabetta Cotti*

11:00–11:30 Coffee break

11:30–13:00 Guided endodontics:  
Possibilities and limitations

*Dr Gergely Benyőcs*

13:00–14:00 Lunch break

14:00–16:00 Endodontists—  
The last best hope for the natural tooth

*Dr John Munce*

16:00–16:30 Coffee break

16:30–19:00 Case Presentations

*Moderated by Dr David Jaramillo*

19:00–21:00 Welcome reception

*Sponsored by META BIOMED*

### Day 2: Saturday, 30 June 2018

09:00–10:30 Root canal therapy or vital pulp therapy?  
Success determined by proper diagnosis Opening

*Dr Jenner Argueta*

10:30–11:00 Coffee break

11:00–13:00 Pain and infection management  
in a contemporary endodontics office

*Dr Jorge Vera*

13:00–14:00 Lunch break

14:00–16:00 Improve your microscope skills  
to improve outcomes

*Dr Carlos Aznar Portoles*

16:00–16:30 Coffee break

16:30–18:00 The role of bioceramics  
in clinical endodontics

*Dr Josette Camilleri*

20:00–23:00 Evening event

### Day 3: Sunday, 1 July 2018

08:30–09:00 Results of poster competition  
and case presentations

*Moderated by*

*Dr David Jaramillo*

09:00–10:30 Reliable adhesive  
post-endodontic restoration  
in the hands of the endodontist

*Dr Daniel Černý*

10:30–11:00 Coffee break

11:00–13:00 Improving retreatment  
outcomes

*Dr Mario Zuolo*

13:00–14:00 Lunch break

14:00–17:00 The Art of Endodontics

*Dr Stephen Buchanan*

17:00–17:15 Closing

*Dr Freddy Belliard  
& Stephen Jones*



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