



## 7<sup>th</sup> International Congress

of the Austrian Society of Endodontology (ÖGEndo) & the Association of German Certified Endodontologists (VDZE)

December 12 – 14, 2024

Palais Niederösterreich, Vienna



## To the Roots and Back Theory - Workshops Hands-on with rotary NiTi files

#### **Preface**

With great pleasure, we call out a warm welcome to the International Congress on Endodontics in the enchanting city of Vienna!

This congress marks the inaugural joint meeting of our two associations, the Austrian Society of Endodontology (ÖGEndo) and the Association of German Certified Endodontologists (VDZE).

Experience enlightening presentations by distinguished speakers and engage in valuable practical exercises in the opulent setting of an exclusive palace, off-limits to regular tourism. Our intensive program aims to provide insights into the current methods of conservative and surgical endodontic therapy.

Amidst the festive atmosphere of Vienna during the holiday season, indulge in the Christmas spirit and be captivated by our evening program at the Palais Eschenbach. The congress venue and evening event are situated directly in the historic centre of Vienna. Both buildings boast a history of over a century, offering an ideal setting for enduring scientific and social exchange from then until now.

For those unable to attend in person, immerse yourself in the ambiance virtually through our live broadcast. Nevertheless, we look forward to a personal meeting in Vienna.

Best regards,

Jürgen Wollner - Matthias Holly - Johannes Klimscha

## **Pre-Congress – Workshops**

Thursday, December 12, 2024 Location: Hotel Steigenberger Herrenhof

## Workshop 1

09.00 - 13.00 Retreatment

G. Debelian



## Workshop 2

14.00 - 18.00 Endodontic Surgery

F. Setzer



### Workshop 3

14.00 - 18.15 Diagnostics in enodontics

with the help of DVT technology J. Wollner, S. Nemec, M. Holly

## Friday, Dezember 13, 2024 Location: Palais Niederösterreich

## Workshop 4

09.00 - 13.00 Workshop DentsplySirona

Wave One Gold / Reziproc
J. Emmelmann, J. Klimscha

Plus:

Digital Post Endo Scan by Dentsply Sirona



09.00 - 13.00 Endo-Innovations that are fun!

T. Rieger



Dentsply

**Endodontics** 

## Workshop 6

09.00 - 13.00 Anatomical root canal

instrumentation

G. Debelian



## Congress – Main Program

## Friday, Dezember 13, 2024 Location: Palais Niederösterreich

14.00 - 14.15	Congress Opening M. Holly, J. Klimscha, J. Wollner	
14.15 - 15.30	Retreatment, what else? G. Debelian	
15.30 - 16.00	Endo Innovation T. Rieger	
16.00 – 16.30	Coffee break	
16.30 - 18.00	Improving clinical outcomes with CBCT S. Patel	
19.30	Dinner party Palais Eschenbach Drinks, Flying Buffet and Live Band "Celina and the gang"	

## Saturday, Dezember 14, 2024 Location: Palais Niederösterreich

09.00 - 09.30	Young Scientists Presentations - Part 1	
09.30 - 10.30	External Cervical Resorption-Diagnosis and Management S. Patel	
10.30 – 11.15	Coffee break	
11.15 - 12.30	Activation of root canal irrigants – Trends and Facts T. Rödig	
12.30 – 13.30	Lunch break	
13.30 - 14.15	Young Scientists Presentations - Part 2	
14.15 - 15.30	<b>Advances in Endodontic Microsurgery</b> <i>F. Setzer</i>	
15.30 – 16.00	Coffee break	
16.00 - 17.00	Reaching the apex in 100% of the cases N. Grande	
17.00 - 17.15	Award presentation Young Scientists Award	



## Dr. Gilberto Debelian, DMD, PhD cv

Dr. Gilberto Debelian has received his DMD degree from the University of São Paulo, Brasil in 1987. He has completed his specialization in Endodontics from the University of Pennsylvania, USA in 1991 and received the Louis I. Grossman student award in Endodontics. He has concluded his PhD studies at the University of Oslo (UIO) in 1997, which gave him two scientific awards from the

European Society of Endodontology (ESE) and from the Norwegian Dental Association He has taught as a clinical instructor and associate professor at the endodontic program at UIO. He served as an adjunct visiting professor at the post-graduate program in endodontics, University of North Carolina in Chapel Hill from 2006 to 2015. His is an adjunct visiting professor at the post-graduate program in endodontics at the University of Pennsylvania. Dr. Debelian maintains a private practice limited to endodontics in Oslo and is the director of the advanced endodontic microscopy center – ENDO INN (www.endoinn.com) in Oslo, Norway. Dr. Debelian has authored 8 chapters book in Endodontics, one book in Endodontics and written more than 80 scientific and clinical papers.



## Dr. med. dent. Jens Emmelmann cv

Studied dentistry at the University of Heidelberg and the Medical University of Graz
Postgraduate curriculum in endodontology and dental traumatology of the DGET
Curriculum Dental Trauma APW
Certified member of the DGET
Certified Teacher VDW/Dentsply Sirona

Dental practice for endodontics and dental traumatology in Lieboch/Austria ÖGE Regional Representative Styria/Carinthia



## Nicola Grande, Prof. DDr., DDS, PhD CV

Dr. Nicola M Grande received his degree in Dentistry (DDS) from the Catholic University of Sacred Heart (UCSC), Rome, Italy in 1999 with a degree thesis on the fracture of NiTi rotary instruments. After two years in the Department of Endodontics at the same University, he served as an Assistant Professor in Endodontics from 2001 to 2009. He has been Professor of Endodontics in

the School of Dental Hygiene (2002-2008). From 2009 to 2013 he has worked as researcher in the Department of Endodontics at the University of Roma "La Sapienza". He completed his PhD program at the Catholic University of Sacred Heart, in 2009, with a thesis on an innovative technique for the restoration of the endodontically treated teeth, that he has invented. Presently he is Professor and Chair of Endodontics at UCSC. His main scientific interests are the preparation of root canals with Nickel-Titanium rotary instruments, the study of anatomy and preparation of endodontic anatomy by micro-computed tomography techniques and the restoration of the endodontically treated teeth with new conservative approaches. He contributed in the development of different instrument systems and new techniques and he is holder of different international patents in the field of dentistry. He is certified member of the European Society of Endodontology (ESE), of the American Association of Endodontics (AAE) and active member of the Italian Society of Conservative Dentistry (SIDOC) and of the Italian Academy of Endodontics (AIE). He is the president of Italian Academy of Endodontics for the years 2023/2024. Dr. Grande is member of the Editorial board for the major internation journals in endodontic field; he has published extensively in international peer-reviewed journals, where he has more than 100 papers published with impact factor, in 2022 his H-index is 45 and he has more than 1500 citations. He lectures since more than 15 years both nationally and internationally. He is working as specialist of endodontics and micro-surgery in his own private clinic in Rome Italy.

#### **ABSTRACT**

### Reaching the apex in 100% of the cases - 60-80 minutes

One of the most common problems in endodontic practice is to reach the correct apical working length. The use of three-dimensional diagnostic tools such as CBCT, microscopes, ultrasonic and all the technical advancements available today improves the outcome of the most complex situations faced by dental professionals in the everyday practice.

Starting from sound biological principles and a comprehensive analysis of up to date endodontic scientific knowledge, the wise use of the latest technologies and most advanced clinical procedures will be explained using an explicative case series. Technical details and clinical tips and tricks to simplify and make the treatment more predictable will be described. Both complex primary treatments and retreatments will be addressed to achieve and maintain a reliable glide path and apical sliding, even in complex anatomies and calcified or blocked canals.

Different solutions will be illustrated with the final aim to guarantee the predictable and durable maintenance of natural teeth. Endodontic microsurgery procedures will be discussed, describing a simplified technique step by step together with original solutions and tips and tricks developed by the author. Moreover, the indications and key points of alternative solutions, such as reimplantation and transplantation, will be illustrated, with the final goal of optimising the preservation of functional natural human tissue in dental procedures.



## Dr. Matthias Holly cv

2024 "Specialist Member" of the European Society of Endodontology (ESE)

2018 "Master of Science Endodontology" Heinrich-Heine-Universität, Düsseldorf

Since 2012 Private Practice for Endodontology, Traumatology and Microsurgery in Vienna

2006-2014 Conservative Department, "Bernhard Gottlieb"

University Clinic of Dentistry Vienna

#### **ABSTRACT**

#### Diagnostics in endodontics with the aid of DVT technology

Diagnostics in endodontics with the aid of DVT technology

The introduction of digital (dental) volume tomography into daily practice has significantly improved diagnosis and therapy in dentistry and especially in endodontic treatment. CBCT can more accurately identify the presence and localization of periapical changes and root resorption and earlier than standard dental film or panoramic imaging.

This additional information facilitates more precise diagnosis, resulting in more appropriate treatment and a better prognosis for the patient.

In this workshop, the indications for CBCT and dental X-rays in general will be discussed and explained with cases from daily practice.

The most important advantages of CBCT will be demonstrated, especially in cases of pain with negative radiographic findings.

At the same time, the current provisions of radiation protection, including radiation physics, radiation dose and equipment, are taught on the basis of the regulations guiding medical radiation protection.

In addition, the indications for the respective images - small-format X-ray, panoramic tomography and DVT - are explained using the "ALARA" principle (As low as reasonably achievable).

The aim of this presentation is to highlight the advantages and benefits of CBCT in the diagnosis of endodontic diseases and, as a result, to create an optimal treatment plan.



## **DDr. Johannes Klimscha** cv

2021 Private practice for general dentistry 2016-2018 Master's degree in endodontology, Heinrich Heine University Düsseldorf 2016 Certified member of the ESE (European Society of

Endodontology)

Since 2012 Private practice for endodontics, endodontic surgery and dental traumatology, 1010 Vienna

2002-2014 University assistant at the Conservative Department of the University Clinic of Dentistry Vienna

2007-2021 Practice for all health insurance companies

2002-2008 University assistant at the Conservative Department of the University Clinic of Dentistry Vienna, specializing in endodontics

2002 Doctorate, Dr. med. dent., Vienna 1999 Doctorate, Dr. med. univ., Vienna

#### **ABSTRACT**

#### **Dentsply Sirona Workshop**

The capabilities of modern root canal instruments are subject to constant improvement. The limits of load capacity are constantly being extended, both by constant material innovations and by the development of intelligent movement sequences. In most cases, these innovations make it possible to carry out time-efficient and high-quality canal preparation according to modern endodontic criteria.

The aim of this course is to select the correct file types and to practice their practical application. In this course, you can practice the basics of mechanical canal preparation with the "Wave One Gold" and "Reziproc" file systems and new endomotors to make this part of the treatment easier and more efficient in daily practice.

Finally, there will be the opportunity to discover post-endodontic treatment with the help of the "digital scan" in the endodontic workflow.

### Referenten



## Dr. Stefan Nemec cv

Born in Austria, Stefan F. Nemec graduated from the Medical University of Vienna in 2003. Subsequently, he received his radiology residency training at the Vienna General Hospital, with several different types of head and neck imaging comprising his primary interest.

In 2009, he joined the staff at the Division of Neuroradiology and Musculoskeletal Radiology, Department of

Biomedical Imaging and Image-guided Therapy, Medical University of Vienna. From 2010 to 2013, he completed research fellowships at the Department of Radiology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, as well as at the Medical Genetics Institute, Cedars Sinai Medical Center, Los Angeles.

In 2013, he completed the habilitation procedure based on the thesis "Fetal sexual development on prenatal MR imaging." Thereafter, he was appointed as an Associate Professor at the Medical University of Vienna. Dr. Nemec's current work focuses on imaging in dentistry, cranio-maxillo-facial surgery, and ENT medicine, that includes conducting research projects, clinical reporting, and student teaching.

#### **ABSTRACT**

## **CBCT** in endodontic diagnostics: typical findings, rare birds, and pitfalls

This presentation illustrates the use of cone-beam computed tomography (CBCT) to aid in endodontic diagnostics. By highlighting what every endodontic specialist wants to know and what every dental radiologist should report, this pictoral review exemplifies the assessment of patients on CBCT images. Particularly, this review includes the myriad of odontogenic, non-odontogenic, and traumatic lesions based upon everyday, as well as very uncommon example cases. Last but not least, tips and tricks to arrive at the correct diagosis, pitfalls, and limitations of CBCT imaging will be discussed.



### Professor Shanon Patel, BDS, MSc, MClinDent, MRD, PhD, FDS, FHEA Professor of Endodontology | KCL Specialist/Consultant Endodontist CV

Shanon divides his time between working in a specialist practice and teaching future Specialist Endodontists in the Postgraduate Unit at King's College London Dental Institute.

Shanon has co-supervised over 70 master's and PhD students. His primary research interests reflect some of the interesting challenges he faces in everyday clinical practice and include survival of teeth, root resorption, dental trauma and CBCT.

He has published over 120 papers and co-edited 6 endodontic and radiology textbooks which have been translated into five different languages. The impact of his research and clinical excellence has resulted in Shanon being invited as a keynote speaker at over 120 international meetings spanning 5 continents.

Shanon is recognised internationally for his research on root resorption and 3D Cone Beam Computed Tomography (CBCT) imaging in Endodontics. This is reflected in him being lead author of 4 European Society of Endodontology position statements (CBCT 2014, 2019, External Cervical Resorption 2018, root resorption 2023) which are used by dentists in Europe and beyond for guidance on the managing complex root canal problems.

#### **ABSTRACT**

#### Lecture 1

External Cervical Resorption (ECR) is becoming more prevalent. The aim of this prevention is to discuss the diagnosis, and crucially the best approaches to manage ECR. Non-surgical, as well as surgical treatment approaches will be discussed as well as novel, cutting edge clinical research.

#### Lecture 2

Historically, the prognostic factors of Endodontics treatment are determined primarily from 2 dimensional radiographs (X rays). Cone Beam CT (CBCT) is a relatively novel 3 dimensional imaging system which is more sensitive at detecting radiographic signs of apical periodontitis than X rays. This has resulted in new, very relevant prognostic factors being identified which have an impact on the outcome of Endodontic treatment. The aim of this presentation is to present these new prognostic factors.



## **Dr. Thomas Rieger** cv

Dentist in private practice in Memmingen and head of the training organization

TEC2-Endodontics (specialist training for dentists in the field of endodontics in collaboration with the University of Pennsylvania).

Dr. Rieger also gives continuing education courses on endodontics in his own practice, at universities and at continuing education institutes.

Dr. Thomas Rieger graduated from Ludwig-Maximilians-University Munich, Germany 1992. He got a scholarship for being one of Germanys best students. Promotion with the theme: Reimplantation of teeth in monkeys, a comparison of two methods.

Subsequently, post-grad training internationally and employment at the University of Zurich.

Since 1996 private office with Dr. Remensberger in Memmingen, Germany. 2012: Founding member together with Dr. Sabine Remensberger of the 3D-Head Diagnostic Center Memmingen

#### Teaching:

From 2006 - 2010 president and founding member of the International Association of Endodontists (AIE e.V.)

2006-2008 head of endodontic training academy "Total Endodontic Concept" Since 2009, founder and managing director of TEC2-Endodontics (specialized training for dentists in endodontics in collaboration with the University of Pennsylvania).

He has given over 250 presentations and hands-on courses until today.

### Keynote

Innovations in endodontics and how they lead to paradigm shifts in treatment today

New high-tech nickel titans change the properties of our endoinstruments so sustainably that even difficult canal anatomies with strong curvatures can be prepared without transporting the root canal. Computer-controlled endodontic motors are intended to replace the dentist's feeling and experience. Is this too much to expect? Root canal irrigation systems that simultaneously activate the fluid with ultrasonic and prevent it from being pressed into the periapical tissue hold great promise. The new generation of root canal sealers, which are now bioactive, is changing the teaching of root filling techniques. Due to their high pH value and positive reaction in contact with tissue fluid, they lead us into a new era of endodontics.

#### **ABSTRACT**

#### Endodontic innovations that are fun!

Over the last 20 years, research in the field of root canal treatment has produced many innovations. Not only new materials, but also new instruments and techniques have been developed to make the treatment process easier for the dentist.

The coordination of the materials used during the various treatment steps has a strong influence on the success of the treatment and will be presented in theory and practice. New kinematic movements of endomotors are pushing the boundaries of endodontic procedures for every practitioner. NiTi files, which are manufactured using innovative processes such as electrical discharge machining, have fundamentally new properties and are characterized by their high flexibility. Changing the lattice framework structure allows the original state to be restored, making the file reusable.

You will also learn about other ingenious solutions that make your everyday work easier.

#### Theoretical part

- Diagnostics, rubber dam, access preparation
- Length determination (electrometric)
- Root canal preparation
- Irrigation management / irrigation protocol
- Root canal obturation

#### **Practical** part

■ Hands-on exercises on the practice tooth and natural teeth.

Familiarization with the CanalPro Jeni endomotor, which navigates independently through the treatment. The new HyFlex EDM file preparation system will be presented in the course and used in many practical exercises.

The relevant systems, devices and materials will be available to participants during the practical exercises.

Please bring magnifying glasses, if available, and extracted trepanned teeth (pulp chamber roof completely removed and straight access to the root canal entrances). We recommend storing the teeth moist in saline solution or water, not in H2O2.



## Prof. Dr. Tina Rödig

1997 D.D.S. (Doctor of Dental Surgery), State Board Examination in Dentistry Georg-August-Universität Göttingen, Germany

1998 Doctoral Degree in Dentistry Georg-August-Universität Göttingen, Germany

1997 Research Assistant
Department of Preventive Dentistry,
Periodontology and Cariology
University Medical Center Göttingen, Germany

2005 Specialization in Endodontology

German Association of Endodontology and Dental Traumatology (DGET)

2012 Habilitation

Department of Preventive Dentistry, Periodontology and Cariology Georg-August-Universität Göttingen, Germany

2016 Editorial Board Member of the International Endodontic Journal

2019 Adjunct Professor

Department of Preventive Dentistry, Periodontology and Cariology University Medical Center Göttingen, Germany

2021–2023 Participation in the European Society of Endodontology (ESE) S3-level clinical practice guideline: Treatment of pulpal and apical disease.

#### **ABSTRACT**

### Activation of root canal irrigation - Trends and facts

Cleaning and disinfection of the root canal system with antimicrobial and tissue-dissolving irrigants is an essential part of root canal treatment. Since the effectiveness of syringe irrigation is limited due to the complex anatomy of the root canal system with isthmuses and irregularities, numerous systems are available for activation of irrigants. In this lecture, the principles of the various activation techniques are explained and their cleaning effect, antibacterial effectiveness and working safety are critically discussed.



## **Dr. Frank C Setzer** cv

Frank C Setzer received the his dental and doctoral degree from the Friedrich-Alexander-University Erlangen-Nuremberg, Germany in 1995 and 1998; and his Endodontic specialty certificate, MS in Oral Biology and DMD from the University of Pennsylvania, Philadelphia, PA, USA in 2006, 2008, and 2010, respectively. He is currently an Associate Professor of Endodontics at the

University of Pennsylvania, serving as Predoctoral Director in Endodontics. His research interests are the clinical detection, prognosis and assessment of periradicular pathology, in particular apical periodontitis, utilizing CBCT imaging and Artificial Intelligence, as well as endodontic microsurgery. Dr. Setzer is a dental faculty member of OKU, a member of the American Association of Endodontists AAE, and a Diplomate of the American Board of Endodontics ABE. In addition, he is Associate Editor for Journal of Endodontics and the European Endodontic Journal and serves on several others editorial review boards.

#### **ABSTRACT**

### Advances in Endodontic Microsurgery - lecture

Endodontic surgery has likely changed more over time than any other technique in dentistry. Endodontic microsurgery uses the dental operating microscope, ultrasonic root-end preparation, and biocompatible filling materials. The lecture addresses the need for endodontic surgery and its prognosis, focuses on the critical clinical steps, and will discuss recent advances such as piezosurgery, bone window technique, guided applications, and the future application of Al-supported outcome prognostication.

### **Endodontic Surgery**

This hands on course addresses the critical steps in Endodontics microsurgery - microscope-based root resection, inspection, ultrasonic rootend preparation, and root-end filling.



## Dr. Jürgen Wollner cv

1986–1992 Study of Dentistry in Duesseldorf and Erlangen 1994 Doctorate at Friedrich-Alexander-University Erlangen since 1994 Independant in a group practice Further national and international trainings since 2004 Microscope user and dental practice for microdentistry since 2010 Specialist dental consultant in the fields of

endodontics, CBCT and ergonomics

2011 TEC2 Endodontic Curriculum under the scientific direction of Prof. Martin Trope (University of Pennsylvania)

since 2011 Trainer at the ZEISS Dental Academy

Writer of several clinical papers in endodontics and CBCT

since 2013 Cooperation with "Initiative Dental Traumatology"

since 2015 Member of the board of VDZE (German Association of Certified Endodontists)

Specialist member of AAE (American Association of Endodontists) since 2018 Certified member of ESE (European Society of Endodontology) Vice president of VDZE (German Association of Certified Endodontists) since 2020 Member of "Quintessenz" science editorial staff, Department Endodontology

since 2021 President of VDZE (German Association of Certified Endodontists) 2018–2022 Co-Author S2k-guideline Cone-Beam-Computed Tomography Member of professional associations:

VDZE, DGET, IADT, ESE, AAE, DGmikro, DGZ

#### Debelian Gilberto, Dr. DMD, PhD

Endo Inn AS, Oslo, NO

#### Emmelmann Jens, Dr. med. dent.

Fachpraxis für Wurzelkanalbehandlung, Lieboch

#### Grande Nicola, Prof. DDr., DDS, PhD

Universita Cattolica del Sacro Cuore, Rom, IT

#### Holly Matthias, Dr.

Ordination für Zahnerhaltung, Wien

#### Klimscha Johannes, DDr.

Ordination für Zahnerhaltung, Wien

#### Nemec Stefan, Dr.

Medizinische Universität Wien / AKH Wien, Univ.-Klinik für Radiologie und Nuklearmedizin, Klinische Abteilung für Neuroradiologie und Muskuloskelettale Radiologie, Wien

# Patel Shanon, Prof. BDS, MSc, MClinDent, MRD, PhD, FDS, FHEA King's College London, Faculty of Dentistry, Oral & Craniofacial Sciences, London, UK

### Rieger Thomas, Dr.

TEC2-Endodontics, Memmingen, DE

### Rödig Tina, Prof. Dr.

Uniklinikum Göttingen, Georg-August-Universität, Poliklinik für Präventive Zahnmedizin, Göttingen, DE

#### Setzer Frank. Dr.

University of Pennsylvania, Department of Endodontics, Philadelphia, US

### Wollner Jürgen, Dr.

Zahnarztpraxis für Endodontologie, Nürnberg, DE

### **General Information**

#### Congress presidents:

Dr. Matthias Holly, MSc.

DDr. Johannes Klimscha, MSc.

Dr. Jürgen Wollner

#### Scientific comitee:

Assoc.-Prof. Dr. Ivona Bago, PhD Prof. Dr. Sebastian Bürklein Dr. Peter Komora, DMD Dr. Karoly Krajczar

Prof. Dr. Tina Rödig

#### **Congress organisation:**

Congress office MAW
Carmen Zavarsky/Iris Bobal
zahn@media.co.at
T +43 1 536 63-23 or -48

#### **Sponsoring/Exhibition:**

Medizinische Ausstellungs- und Werbegesellschaft Iris Bobal/Carmen Zavarsky T +43 1 536 63-48 E zahn@media.co.at M Medizinische
A Ausstellungs- und
W Werbegesellschaft

### YOUNG SCIENTISTS AWARD-RESEARCH IN ENDODONTOLOGY

The ÖGEndo and VDZE offer research prizes to be awarded on the occasion of the 2024 Annual Meeting in Vienna from December 12 to 14. The best achievements will be honored. Abstracts are to be submitted by email to **Vienna2024@endocongress.at until 1st October 2024**.

The Scientific Committee will select the submitted abstracts for 10-minute oral presentations to be given prior to the main program. The best performances will be awarded with  $\in$  3,000,  $\in$  2,000,  $\in$  1,000, respectively. Young scientists are encouraged to submit their research. Nominees must be no older than 35 years by December 31, 2024.

**Applications must include the following:** Applicant name, date of birth, address, telephone number, e-mail address and short curriculum vitae.

The abstracts must be approx. 300 words long and include the sections Objective, Methodology, Results and Conclusions.

## **General Information**

## Congress language: English Participation ONSITE or ONLINE possible

#### The registration fees are valid for on-site or online participation:

Registration and Payment	before Nov. 15, 2024	later and on-site
Members of ÖGEndo / VDZE	€ 390,-	€ 440,-
Members of ESE	€ 440,-	€ 490,-
Non Members	€ 540,-	€ 590,-
Dental students	€ 149,-	€ 199,-
Young Scientist (Abstract)	€ 300,-	
Workshop (Price per WS) (only in combination with congress registration)		
Day pass	€ 280,-	
Evening event: Friday, December 13, 19:00 Palais Eschenbach	€ 69,-	

Young Scientists presenting

free of charge

#### **Registration:**

https://registration.maw.co.at/endodontie24

### Conference participation:

On site or virtual. Workshops/hands-on courses will not be streamed. You have the opportunity to take part physically on site or follow the conference livestream. Participation in the venue also allows you to visit the attractive exhibition and interact with speakers and colleagues. Lectures and presentations will be available to all registered participants on demand following the conference.

Workshops/hands-on courses will not be streamed

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