



POWER²Reason
EVIDENCE BASED EDUCATION

Saturday, 28th March 2026
Marrakech, Morocco
Fairmont Royal Palm Hotel

AO AMERICAN
ORTHODONTICS



AGENDA

TIME	SPEAKER	INFORMATION
08:30 - 09:00		Welcome coffee and registration
09:00 - 09:15		Welcome and introduction by AO and Dr. Guido Sampermans
09:15 - 10:15	Dr. Caroline Cazenave	Molar retraction and its 3D parameters: How to respect the maxillo-facial architectural balance and determine the limits of molar distalization?
10:15 - 10:30		Q & A
10:30 - 11:00		Coffee break
11:00 - 12:00	Dr. Davide Mirabella	Biologic Knowledge and Clinical Strategies to manage post-traumatic anterior edentulous area
12:00 - 12:15		Q & A
12:15 - 13:15		Lunch
13:15 - 14:15	Dr. Ute Schneider-Moser	Facing the challenges of contemporary orthodontics
14:15 - 14:30		Q & A
14:30 - 15:30	Dr. Guido Sampermans	Looking Back to Move Forward – Turning Points in My Orthodontic Career
15:30 - 15:45		Q & A
15:45 - 16:15		Coffee break
16:15 - 17:15	Special guest: Dr. Björn Ludwig	Friendship, Networking, and the Power of Bonding in Orthodontics
17:15 - 17:30		Q & A
17:30 - 18:30		Drinks reception

MOLAR RETRACTION AND ITS 3D PARAMETERS

How to respect the maxillo-facial architectural balance and determine the limits of molar distalization?

Skeletal anchorage has revolutionized our therapeutical approach thanks to the excellence of the vertical control it offers and to the possibility of molar retraction. This opens up a whole new field of therapeutic possibilities leading to the improvement of the maxillo-facial architectural balance with significant consequences for aesthetics, the occlusal function and the stability. The boundaries of orthodontics and surgery have been erased and new biomechanical concepts have arisen. All the biomechanical aspects of the skeletal anchorage are already well known and we are able to optimize their use whichever vertical pattern encountered.

A number of questions have been raised, such as how to adapt the line of action of the force to properly orient the occlusal plane or respect the exposure of the smile? And what are the implications for third molars?

The aim of this lecture is to outline the indications and limitations of molar distalization in Maxilla and Mandible, in terms of anatomy, function and aesthetics, and to determine our choice of skeletal anchorage in line with all our therapeutic criterias of excellence.

DR. CAROLINE CAZENAVE

Curriculum Vitae



- Specialist dental surgeon qualified in dentofacial orthopedics (C.E.C.S.M.O. Bordeaux II, France)
- Former University Hospital Assistant in Bordeaux, France
- Private practitioner in Brive-La-Gaillarde, France
- Orthodontics for children and adults
- Lingual orthodontics

BIOLOGIC KNOWLEDGE AND CLINICAL STRATEGIES TO MANAGE POST-TRAUMATIC ANTERIOR EDENTULOUS AREA

Post-traumatic anterior partial edentulism is a quite challenging clinical condition, whose resolution often requires an interdisciplinary approach.

Treatment planning must deal not only with the underlying malocclusion but also with the lack of the post-trauma periodontal tissues to deal with in the short and long terms.

Therefore, treatment decisions should be made after performing a thorough evaluation of the patient's biological and esthetic conditions, combined with a general analysis of the clinical problems of the patient, including long-term periodontal health stability and cost/benefit analysis. In this context it is necessary to disregard the competence of individual practitioners, thus avoiding to make treatment decisions solely dictated by individual expertise.

The aim of this lecture is to provide guidelines to help

the team in gaining a broad and shared view of patient's problems, in analyzing the parameters to be evaluated to define the proper choice of treatment, and to discuss potential advantages and disadvantages of each treatment option. The suggested clinical strategies to achieve the best possible clinical outcome will be presented and the mistakes to avoid during orthodontic treatment will be discussed.

DR. DAVIDE MIRABELLA

Curriculum Vitae



- Davide Mirabella was born in Catania (Italy) on July 10, 1966
- Dental Degree (DDS) 1989 University of Catania
- Certificate in Orthodontics 1993 University of Washington (Seattle, Wa)
- Master of Science in Dentistry 1993 University of Washington (Seattle, Wa)
- Practice limited to orthodontics in Catania and Verona
- Adjunct Professor 2003 Dept of Orthodontics University of Ferrara (Italy)
- Former Active Member of Angle Society of Europe
- President Accademia Italiana di Ortodonzia 2015
- Active Member of SIDO, International Member of AAO, Honorary Member of SASO (South African Society of Orthodontists) and Founder Member of Accademia Italiana di Ortodonzia
- Speaker at national and international orthodontic meetings
- Author of publications in peer-reviewed journals

FACING THE CHALLENGES OF CONTEMPORARY ORTHODONTICS

While research has shown that patients prefer clear aligners over fixed appliances with a reported better Quality of Life during therapy and equal satisfaction with the final result, objective assessment of treatment quality has led to conflicting evidence especially of aligner performance in moderate to difficult malocclusions. Certain tooth movements such as substantial rotations, large bodily movements, true torque control and extrusion/intrusion cannot be reliably predicted and will therefore either require longer treatment or surrendering to inferior results. The speaker will illustrate several clinical situations in which traditional fixed appliances will still be the first biomechanical choice especially regarding treatment efficiency.

Learning objectives:

- To understand the nuts and bolts of clear aligner performance
- To learn for which envisioned treatment outcomes fixed appliances should still be the first biomechanical choice
- To acknowledge where 'hybrid' treatment approaches can be suitable options to combine the 'best of two worlds'
- To gain a thorough insight into the state-of-the-art evidence-based literature on the topic

DR. UTE SCHNEIDER-MOSER

Curriculum Vitae



- 1984 State Examination in Dentistry at the University of Mainz (Germany)
- 1986 Opening of the orthodontic practice in Bolzano (South Tyrol, Italy)
- 2010 Specialist in Orthodontics, University of Ferrara (Italy)
- Since 2010 Visiting Professor at the University of Ferrara
- Since 2021 Adjunct Associate Professor at the Department of Orthodontics, University of Pennsylvania (USA)

LOOKING BACK TO MOVE FORWARD

Turning Points in My Orthodontic Career

In this lecture, I will take you on a reflective journey through my 40-year career in orthodontics – starting from the early days of my practice fresh out of university, to navigating the major shifts that have redefined how I diagnose, plan, and treat now.

This isn't just about technology – though digital tools have revolutionized our field – it is also about mindset, pace, precision, and the patient experience. I will share the key insights that profoundly changed how I view my profession: from the analog limitations of the past to the digital empowerment of today; from rigid treatment timelines to a more adaptive pace; from surgical hesitancy to interdisciplinary collaboration.

Along the way, I'll highlight what I wish I had known earlier, the challenges that forced me to grow, and the breakthroughs that reignited my passion for orthodontics time and time again.

Whether you are at the beginning of your journey or decades in, I hope these reflections offer inspiration, perspective, and practical takeaways for your own professional path.

DR. GUIDO SAMPERMANS

Curriculum Vitae



- 1980 - 1986: General dentist in own practice in Belgium
- 1992 - 1997: Opening of an orthodontic practice in Maaseik, Belgium
- 1986 - 1992: Training as a specialist in orthodontics in Germany and the USA
- 1997 - 2002: Specialist in orthodontics in Germany and taking over an orthodontic practice in Heinsberg, Germany
- 2002 - 2015: Opening of an orthodontic practice in Maastricht and later in Echt, the Netherlands
- 2015 - ongoing: Opening of an orthodontic practice in Vienna, Austria
- Years of experience as a speaker, working with leading orthodontists

FRIENDSHIP, NETWORKING, AND THE POWER OF BONDING IN ORTHODONTICS

Beyond knowledge, experience, technology, and clinical skills, the human aspect of orthodontics plays a crucial role in our profession. From empathy, communication, and understanding to networking and establishing lasting professional relationships—our journey is shaped not only by our expertise but also by the connections we build with our team, patients, colleagues, and even our families and partners. These relationships are often intertwined with both successes and failures, influencing our growth as professionals and individuals.

As I transition from lecturing after many years, this talk is a tribute to my friendship with an AO legend—Laurent. This lecture will celebrate orthodontics and the emotional, human side of our profession, weaving together clinical insights, real-life stories, and the deep connections that make our field more than just a science, but a shared experience.



SPECIAL GUEST: DR. BJÖRN LUDWIG

Curriculum Vitae



Björn Ludwig is an orthodontic specialist and he runs his private office in a small village in Germany. While his main focus is on clinical work, he has an affinity for technology, which often piques his interest. He consistently pursues his dream of improving as a researcher and writer by actively participating in diverse research projects and taking on editorial roles for journals. Besides his passion for orthodontics, he also finds joy in cycling as a way to unwind.



The former factory in Sheboygan



Advanced technology



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AO: Who We Are

Founded in 1968 and headquartered in Sheboygan, Wisconsin, American Orthodontics is committed to providing quality products, dependable delivery, and personalized service to the orthodontic specialist. With innovative products and processes we provide the best overall value to our customers.

With over 1,000 global employees and product availability in over 110 countries, American Orthodontics is one of the largest privately held manufacturers of orthodontic appliances in the world.

We manufacture nearly 98% of our product offerings in our state-of-the-art facility in Sheboygan, Wisconsin. This way, the quality of the entire value chain is in our hands, from production to delivery of our products to our customers.

Customer satisfaction is our highest asset. Therefore, we are particularly dedicated to the continuous improvement of our products and services. The following quality seals confirm this:

- All required products are registered with the FDA and AO is ISO 13485:2016 certified
- AO France is certified according to ISO 9001:2015 since 2007
- AO GmbH is certified according to ISO 9001:2015 since 2017

VENUE

Fairmont Royal Palm Hotel Marrakech
Domaine Royal Palm
Km 12 Route d'Amizmiz
BP2470 Marrakech, Morocco
www.fairmont.com/en/hotels/marrakech/fairmont-royal-palm-marrakech.html

TUITION

Early bird: 699€ per person excl. VAT
After 30th June 2025: 799€ per person excl. VAT
Tuition includes: lectures, lunch and drinks. Transportation and lodging are the responsibility of the attendee.

CERTIFICATE

Each participant receives a certificate at the end of the lecture, which confirms their participation.

CANCELLATION

We ask for your understanding that a cancellation free of charge is only possible up to 4 weeks before the event and in written form.

ACCOMODATION

We have reserved a limited number of hotel rooms at a special rate (5 040 MAD incl. VAT (approx. 480€ incl. VAT depending on exchange rate) per room per night including breakfast) for Friday, 27th and Saturday, 28th March 2026.

If you are interested, you are welcome to make a reservation under the keyword "American Orthodontics" at the Fairmont Royal Palm Hotel Marrakech via e-mail at reservations.marrakech@fairmont.com or by phone: +212 5 24 48 78 78.

Please note that American Orthodontics is not responsible for any booking, payment or potential cancellation fee.

Please also note that a **passport** is mandatory. A **printed flight ticket** is required for the return journey. Digital boarding passes on smartphones are not accepted.



Please scan the QR code to register. For more information, please contact Ms. Éléonore Bertrand:

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