



BRITISH ACADEMY OF AESTHETIC DENTISTRY 2024  
PRESENTS:

# Aesthetic Wizardry



UNLOCKING

THE

CHAMBER

OF SECRETS

FRIDAY 26TH & SATURDAY 27TH JANUARY 2024  
GREAT FOSTERS HOTEL, SURREY, TW20 9UR



*I solemnly swear*

*I am up to no good.*

*The*  
**MARAUDER'S  
MAP**

## **BAAD EXECUTIVE COUNCIL 2024**

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**Dr. Jon Ayres**  
**Dr. Elaine Mo**  
**Mr. Steve Campbell**





# Welcome Message from the President



*Dear Friends,*

It is such a pleasure to welcome you all to this year's Annual Scientific Meeting. I am looking forward to seeing you all for what promises once again to be a memorable meeting, where friends old and new are able to share world class dental education and get the opportunity to spend quality time together at the now legendary BAAD social events, which are every bit a part of the meeting as the plenary sessions.

This year's theme of unlocking and sharing the secrets to achieve the outstanding results that our truly world class renowned speakers share on stage, is at the very core of what BAAD is about and I hope that you will all actively participate in the deeper dive into each lecturer's respective subject matter during the debates at the end of each session. These provide us all with an opportunity to probe and further explore what was presented on screen. As with all good magic, the mystery is in the "trick" that we don't know, and it can often be so with our clinical work, it's only when we know the secret behind the trick that we can deliver the same results ourselves.

I am very grateful to each of our speakers for supporting BAAD and the spirit in which they do that. BAAD does not provide an honorarium and it is a reflection of the high regard in which the academy is held, that we continue to be graced by such esteemed speakers at BAAD.

Meetings such as ours cannot happen without the support we receive from the dental trade and I would like to thank each of our sponsors and trade partners for this. Their commitment to dental excellence and providing us as clinicians with the solutions to deliver that for our patients, is what allows us to continue doing what we do. Please do take the time to visit them at the trade show and show your appreciation.

I look forward to seeing you all at this year's Friday evening fancy dress dinner where the theme is the world of Harry Potter. I look forward sharing a "butter beer" or two with everyone and trying to guess who is behind each of the ever more creative outfits each year.

There is an inordinate amount of work that the Executive Committee put in to supporting me and the organisation of the meeting and I would like to take this opportunity to thank them all for their tireless work and support throughout the year.

*Yours Sincerely,*  
*N. Sisodia*  
**DR NIK SISODIA**  
BAAD PRESIDENT 2023-2025



## Mission Statement

To promote the integration of dental aesthetics into the total spectrum of oral health care & provide a leadership role for the profession by defining the highest professional, scientific, artistic and ethical standards through research, publications and educational presentations.

This educational programme qualifies for 12 hours of verifiable CPD and complies with GDC verifiable CPD requirements







# ANNUAL SCIENTIFIC MEETING 2024

## Aesthetic Wizardry



### FRIDAY 26TH JANUARY 2024

| TIME                            | EVENT   |
|---------------------------------|---|
| 0845 - 0900 HRS                 | PRESIDENT'S WELCOME   |
| <i>Moderator: Dipesh Parmar</i> |   |
| 0900 - 1000 HRS                 | LORENZO BRESCHI (IT)<br>The Secrets of Bonding and Luting                                   |
| 1000 - 1100 HRS                 | RONALDO HIRATA (BR)<br>Recipes for Composite Restorations                                   |
| 1100 - 1130 HRS                 | COFFEE BREAK  |
| 1130 - 1230 HRS                 | JASON SMITHSON (UK)<br>The Vertical Margin in Fixed Prosthodontics: Old Tricks for New Dogs |
| 1230 - 1315 HRS                 | DEBATE  |
| 1315 - 1415 HRS                 | LUNCH   |
| <i>Moderator: Koray Feran</i>   |   |
| 1415 - 1515 HRS                 | SNJEZANA POHL (HR)<br>Unveiling the Mysteries of Partial Extraction Therapy in Implantology |
| 1515 - 1545 HRS                 | TEA BREAK   |
| 1545 - 1645 HRS                 | MARK LUDLOW (USA)<br>Digital Planning and Execution: From Simple to Complex                 |
| 1645 - 1715 HRS                 | DEBATE  |
| 1715 - 1745 HRS                 | AGM<br>For all academy members  |
| 1930 HRS<br>Till Late           | THEMED DINNER<br>"Harry Potter: Hogwarts class of 2024"                                     |







## SATURDAY 27TH JANUARY 2024

| TIME  | EVENT   |
|---|---|
| <b>Moderators: Steve Campbell &amp; Nadeem Younis</b> |   |
| 0900 - 0945 HRS                                       | <b>JAVIER TAPIA GUADIANA (ES)</b><br>Anterior Bonded Restorations in the Digital Era: From Direct to Indirect with a Minimum Intervention Perspective |
| 0945 - 1030 HRS                                       | <b>ERNEST LUCAS-TAULE (ES)</b><br>Tooth Autotransplantation: New Trends and Protocols   |
| 1030 - 1100 HRS                                       | <b>COFFEE BREAK</b>   |
| 1100 - 1145 HRS                                       | <b>GIUSEPPE ROMEO (IT)</b><br>Technical Diagnostic and Esthetic Approach  |
| 1145 - 1230 HRS                                       | <b>DAVID DE FRANCO (IT)</b><br>Orthodontic Approaches and Strategies in the Treatment of Interdisciplinary Patients                                   |
| 1230 - 1315 HRS                                       | <b>DEBATE</b>   |
| 1315 - 1415 HRS                                       | <b>LUNCH</b>  |
| <b>Moderator: Sanjay Sethi</b>                        |   |
| 1415 - 1515 HRS                                       | <b>BAAD MEMORIAL LECTURE</b>  |
|   | <b>STEFANO GRACIS (IT)</b><br>The Formulation of a Treatment Plan:<br>Planned Roadmap or Extemporaneous Improvisation? (1)                            |
| 1515 - 1545 HRS                                       | <b>TEA BREAK</b>  |
| 1545 - 1645 HRS                                       | <b>STEFANO GRACIS (IT)</b><br>The Selection of the Prosthetic Material in the Cad-Cam Era (2)   |
| 1645 - 1715 HRS                                       | <b>DEBATE</b>   |
| 1900 HRS<br>Till Late                                 | <b>BLACK TIE GALA</b>   |







# LORENZO BRESCHI

## THE SECRETS OF BONDING AND LUTING



### SPEAKERS

#### LORENZO BRESCHI



Prof. Lorenzo Breschi received his DDS degree cum laude and a PhD in Human Morphological and Molecular Sciences at the University of Bologna (Italy). He is now Full Professor and Chairman of Restorative Dentistry and Director of the Master in Aesthetic Restorative Dentistry, at the Department of Biomedical and Neuromotor Sciences (DIBINEM) at the University of Bologna (Italy).

Prof. Lorenzo Breschi served as President of the following Academies: Italian Academy of Conservative Dentistry (AIC), International Academy of Adhesive Dentistry (IAAD), European Federation of Conservative Dentistry (EFCD), Dental Materials Group of the IADR (DMG-IADR) and the Academy of Dental Materials (ADM).

Prof. Breschi is Active member of the following societies: American Academy of Restorative Dentistry (AARD), Academy of Dental Materials (ADM), Accademia Italiana di Odontoiatria Conservativa e Restaurativa (AIC).

Prof. Breschi is also Associate Editor of the Journal of Adhesive Dentistry and member of the editorial board of several international scientific journals and actively involved in research on the ultrastructural aspects of enamel and dentin and their interactions with dentin bonding systems. He has published more than 300 original papers and review articles on peer-reviewed journals on different aspects of adhesion and restorative materials

### SCHEDULE

**DATE: FRIDAY 26TH JANUARY**  
**TIME: 09:00 - 10:00**

#### SYNOPSIS

Aim of the lecture will be to classify adhesive systems and cements currently available and therefore to propose the correct clinical step-by-step procedure ideal for each material and clinical conditions of direct and indirect restorations.

The different characteristics of the restorative materials and of the adhesive cements will be assayed to understand the importance of the role of the clinician to obtain the highest bonding performances, in terms of improved bond strength, extended durability and reduced post-op sensitivity. In fact, despite their apparent simplicity (especially for the simplified adhesives and self-adhesive cements), the adhesive and luting techniques require scrupulous and detailed clinical operative protocols that differ from one restorative material to the other.

Finally, the lecture will provide "tips and tricks" to achieve clinical success in terms of aesthetic requirements, biomechanical properties of adhesive restorations, bond strength and stability of the adhesive interface over time.

#### Learning objectives:

- To present step-by-step protocols for clinical procedures of bonded anterior and posterior direct restorations and directions for luting indirect restorations;
- To show clinical tips and tricks to achieve bonding and luting in different clinical condition
- To provide a standardized approach to adhesive dentistry aiming to achieve a stable bond over time.







# RONALDO HIRATA

## RECIPES FOR COMPOSITE RESTORATIONS



### SPEAKERS

### SCHEDULE

#### RONALDO HIRATA



Ronaldo Hirata finished his four-year DDS course in Curitiba, Brazil, at the Federal University of Parana (UFPR) in 1995. After his degree, he followed an Operative Dentistry Specialty at the same University in a two-year program. He started lecturing at the same University and began his career as an International lecturer, focusing on Esthetic Dentistry. He had been lecturing in more than 40 countries already. His private practice working with Esthetic Dentistry has always been in Curitiba.

To improve scientific formation, he did his Master in Dental Materials from 2000 to 2003 at the Catholic University of Rio Grande do Sul (PUC-RS), finishing with a research thesis working with glass and polyethylene fibers improving the mechanical properties of composites. His PhD in Restorative Dentistry at the State University of Rio de Janeiro (UERJ) was done from 2005 to 2009. His research focused on composite resins' transmission, Reflectance, and Fluorescence. In 2012, he did his post-doctorate at New York University (NYU), working with Plasma application on dentin surfaces and bonding strength analysis.

Ronaldo Hirata is an Assistant Professor of the Department of Biomaterials, with a secondary appointment in the Department of Cariology at New York University. He has published more than 100 papers in English, Portuguese, and Spanish. Hirata's first book, TIPS was published in 3 languages, and his second book, SHORTCUTS also in 3 languages.

Dr. Hirata just launched his new book "Recipes for composite restorations" from Quintessence Publishing in 3 languages, including English. This textbook gives some "recipes" with the ingredients and instruments necessary to execute 26 types of restorations.

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DATE: FRIDAY 26TH JANUARY  
TIME: 10:00 - 11:00

#### SYNOPSIS

1. Current application of composite restorations.
2. What about this trend in ceramic restorations???
3. Ethical problems come from overtreatments.
4. What is the role of composite restorations in esthetic area?
5. How is the traditional technique for anterior restorations?
6. Can we trust in composites? Reliability
7. What are the most common failures based on literature?
8. How to avoid them?
9. Recipe for bulk-fill composite restorations: ingredients and instruments.
10. The semi-direct technique: an alternative.

#### Objectives:

For attendees to be able to:

1. Recognize clinical situations where composites as esthetic treatment could be used being more conservative restorative options.
2. Understand the traditional layering of composites.
3. Be familiar with the new simplified composite techniques for anterior restorations.
4. Establish a protocol for finishing and polishing in anterior teeth.







# JASON SMITHSON

## THE VERTICAL MARGIN IN FIXED PROSTHODONTICS: OLD TRICKS FOR NEW DOGS



### SPEAKERS

### SCHEDULE

#### JASON SMITHSON



Qualified at the Royal London Hospital in 1995; achieving a number of awards including The Constance Klein Memorial, The Stafford Millar, and The Malcolm Jenkins Scholarships, The American Association of Endodontics Prize and the Overall Award for Clinical Dentistry.

After spending 3 years in oral surgery residency in London and a further year practicing restorative dentistry in London's Harley Street Medical District, he relocated to Cornwall in the extreme southwest of England. Jason practices at Revitalise, Cornwall, UK where his focus is microscope enhanced adhesive dentistry. His specific interest is direct composite resin artistry and minimally invasive all ceramic restorations and he has presented to dentists locally, nationally, and internationally (USA, Canada, Australia, New Zealand, Southeast Asia and Europe) on this topic.

He has given hands on programs in the UK, Europe, Asia, and North America on behalf of GC, Ivoclar, Kerr, Kulzer, Optident, Micerium, Carl Zeiss, Zumax, Global, Velopex and Triodont. He is a European "Key Opinion Leader" for Kulzer. Jason is Resident Faculty at The Centre for Esthetic Excellence, Chicago, USA. He is an Accredited International Trainer for Carl Zeiss Dental Academy. Jason is the only European Resident Faculty at Spear Education AZ USA, where he is an instructor in The Composite Program.

Jason has achieved Diplomat Status in Restorative Dentistry from the Royal College of Surgeons (England).

He is on the Editorial Board of The Russian Journal of Esthetic Dentistry and the UK-based "Private Dentistry" Journal and has published numerous peer-reviewed articles on adhesive and aesthetic dentistry in both the UK and abroad. He is joint author of "Vertical Margin Finish Lines In Fixed Prosthodontics".

Jason is Past-President and Founder of the British Association of Private Dentistry.



DATE: FRIDAY 26TH JANUARY  
TIME: 11:30 - 12:30

#### SYNOPSIS

Historically, the vertical margin was the first to be used in fixed prosthodontics; however, with the advent of the turbine it was widely abandoned in favour of the horizontal shoulder or chamfer. The vertical margin is not widely taught in UK dental schools since it is incorrectly considered to result in over contoured restorations and periodontal issues. Today, with the advent of new materials, a broader understanding of tissue biology and proven evidence-based protocols the vertical margin can produce an elegant minimally invasive solution for patients with periodontally involved and discoloured teeth and may offer more simplified, cost-effective protocols for patients undergoing grafting procedures and soft-tissue surgery. A full emersion comprehensive class, encompassing everything you need to know to know about vertical margins in fixed prosthodontics.

#### Objectives

- The vertical margin- a historical prospective
- Horizontal vs. vertical- which approach is best and when.
- Instrumentation- an armamentarium to optimize your workflow.
- Step-by-step tooth preparation for both posterior and anterior teeth illustrated both on detailed models and extensive clinical cases.
- Tissue management and provisionalisation- not just a "temporary"
- Capturing impressions and lab communication
- Laboratory procedures and materials selection
- Final cementation
- Common errors, misconceptions and trouble shooting





### SPEAKERS

### SCHEDULE

#### SNJEZANA POHL



Snjezana Pohl has a dual degree in human and dental medicine. She is a specialist in oral surgery, a certificated EDA\* specialist for periodontology and implantology, and a Dental XP expert.

She is in a private clinic in Rident, ADG, Croatia. Designated as an assistant professor, she also lectures at the Department of Oral Medicine and Periodontology at the School of Dental Medicine of the University of Rijeka.

Snjezana Pohl is one of the pioneers of Partial Extraction Therapy, the author of scientific papers, an active national and international lecturer, and a member of the Dental XP PET research group.

**DATE: FRIDAY 26TH JANUARY**  
**TIME: 14:45 - 15:15**

#### SYNOPSIS

Partial Extraction Therapy (PET), a notable departure from conventional methods, finds itself on an intriguing journey within the realm of modern implantology. In this discourse, we embark on a quest to illuminate its place and prominence, drawing from contemporary scientific wisdom.

#### Key Insights:

##### Bundle Bone Preservation:

The phenomenon of post-extraction bone loss, primarily attributed to bundle bone resorption, has long captivated our attention. Within this narrative, PET emerges as a beacon of hope, offering a path to curtail bundle bone resorption's relentless march significantly.

#### Learning Objectives:

As we conclude our exploration, participants will emerge enlightened, having delved into:

- The judicious evaluation of indications and contraindications that govern PET's application.
- The role of PET in preserving bone architecture, ushering in an era of heightened esthetic outcomes and enduring implant success.
- PET's exalted status in scenarios featuring a slender biotype, neighbouring implants, and the complexities of multiple implants, where it outshines competing therapeutic methodologies.





# MARK LUDLOW

## DIGITAL PLANNING AND EXECUTION: FROM SIMPLE TO COMPLEX



### SPEAKERS

### SCHEDULE

#### MARK LUDLOW



Dr. Mark Ludlow is the Section Head of Implant Dentistry, Digital Dentistry, and Removable Prosthodontics at the University of Utah School of Dentistry.

He completed his DMD dental training at the University of Connecticut and received his MS in prosthodontics from the University of North Carolina.

As a practicing and teaching prosthodontist, Dr. Ludlow's passion is in the development and integration of digital technology in the practice of everyday implant and restorative dentistry.

**DATE: FRIDAY 26TH JANUARY**  
**TIME: 15:45 - 16:45**

#### SYNOPSIS

As digital technology becomes more pervasive in everyday practice, there is an increased demand to apply it in ever more expanding clinical situations. This presentation will explore the full application of digital technology in the implant patient from initial diagnostics to the final restoration and will innumerate the planning principles involved in achieving both surgical and prosthetic success.

We will explore the application of these principles in a myriad of cases beginning with the simple single anterior implant and progressing in complexity through the full arch fully-digital fixed implant patient.

#### Learning Aims & Objectives:

- How to apply digital treatment protocols in daily practice
- Become familiar with the digital tools needed for guided surgery
- Comprehend applications in both small and large prosthetic cases.







# JAVIER TAPIA GUADIX

## ANTERIOR BONDED RESTORATIONS IN THE DIGITAL ERA: FROM DIRECT TO INDIRECT WITH A MINIMUM INTERVENTION PERSPECTIVE



### SPEAKERS

### SCHEDULE

#### JAVIER TAPIA



Javier Tapia Guadix was born in 1978 in Madrid, Spain. He finished dental school at the European University of Madrid in 2003. Working then as associate professor in the prosthetics department during 2004. In 2005 he started his career as professional computer graphics artist, focused on illustration, animation and application development.

He received the Collegiate Merit Award by the Spanish College of Dentists from the 1st Region in 2005, for his collaboration in the commission of new technologies. In 2011 he founded together with Panagiotis Bazos and Gianfranco Politano the Bio-Emulation group. He actively collaborates as invited professor with several universities across Europe and is member of GC Restorative Advisory Board. In 2017 he became official reviewer for the International Journal of Esthetic Dentistry.

Javier works in private practice in Madrid, focused on restorative dentistry and aesthetics. He is an international lecturer with participation in more than 300 congress, hands-on courses and live courses. He published several articles in restorative dentistry, dental photography and computers in dentistry



DATE: SATURDAY 27TH JANUARY  
TIME: 09:00 - 09:45

#### SYNOPSIS

Achievement of aesthetic anterior restorations that resemble natural teeth represent a great challenge for our daily practice. Additionally, the demand for minimally invasive dentistry is increasing everyday, not only from our patients, but also due to the pressure of our own colleagues. Furthermore, the compromise of mechanical and optical properties by this minimally invasive mindset may affect the clinical outcome when not following strict adhesive protocols.

The digital workflows, including scanning, planning, CAD design and CAM manufacturing can help us to get a faster and durable outcome. However, given the wide variety of techniques and available materials, a rational approach must be utilised to obtain an optimal outcome. From the limitations of analogue and digital, to the limitations of manufacturing, preparation, mechanics and optical behaviour, we need to understand how, when and what we need on each case.

In this lecture I will try to give a commonsensical perspective to achieve beautiful anterior bonded restorations that can meet the expectations of our patients.

#### Objectives:

- Criteria for selection of technique for each case: direct vs indirect.
- Preparation guidelines for minimally invasive anterior restorations.
- Material selection criteria based on patients age, aesthetic and mechanical limitations.
- Learn strategies for avoiding problems in material selection.







# ERNEST LUCAS-TAULE

## TOOTH AUTOTRANSPLANTATION: NEW TRENDS AND PROTOCOLS



### SPEAKERS

### SCHEDULE

#### ERNEST LUCAS-TAULE



- Private practice in Implant Dentistry and Oral Surgery in the United Kingdom
- Assistant Lecturer at the Oral and Maxillofacial Surgery Department. Universitat Internacional de Catalunya
- International speaker and lecturer
- Scientific publications in the field of tooth autotransplantation and dental implants

- Dentistry Degree. UIC University (Barcelona, Spain)
- PhD. UIC University (Barcelona, Spain)
- International Master in Oral Surgery. UIC University (Barcelona, Spain)
- Master's Degree in Clinical Research. UIC University (Barcelona, Spain)

**DATE: SATURDAY 27TH JANUARY**  
**TIME: 09:45 - 10:30**

#### SYNOPSIS

Dental tooth autotransplantation is beginning to be a real treatment option, increasingly used in our daily practice.

Although there is scientific literature that supports this treatment, there is a general lack of knowledge on this topic. The lecture will offer the necessary knowledge for the practice of dental tooth autotransplantation, both for the general dentist and for the specialist in a predictable and simple way with the help of 3D digital technology.

This lecture will include theoretical concepts of dental traumatology and tooth autotransplantation, as well as modern protocols for treating both the growing patient and the adult.

#### Objectives:

- To understand the biological principles behind tooth autotransplantation
- To explore modern protocols for dental autotransplantation
- Learn how to integrate 3d digital technology into tooth autotransplantation
- To increase the knowledge in dental traumatology and tooth autotransplantation for both the general practitioner and the specialist







### SPEAKERS

### SCHEDULE

#### GIUSEPPE ROMEO



Born in Port Chester , New York , USA.  
Owner of the Oral Design Centre in Turin, Italy.  
Trained in dental technology in Turin, Italy, he then studied two years at the University of Geneva.

He completed his education in Italy and abroad, working in the United States and in Switzerland.

He has published extensively in both Italian and international journals. He has also contributed to the textbooks "Esthetics and Precision. Clinical and Technical Procedures" with Dr. Domenico Massironi and Mr. Romeo Pascetta (translated in eight languages), and "Aesthetic & Restorative Dentistry" written together with Dr. Douglas Terry and Mr. Willi Geller.

Both books are published by Quintessence Publishing.

He is involved as Associate Editors in Dental Technology of the International Journal of Esthetic Dentistry (IJED).

He belongs to several prestigious organizations, such as the Oral International Foundation, the American Academy of Esthetic Dentistry (Fellow Member), the European Academy of Esthetic Dentistry (Active Member), the Italian Academy of Esthetic Dentistry (Active Member), the European Society of Cosmetic Dentistry (Active Member), the European Academy of Digital Dentistry (Executive Council Member) and the American Microscope Enhanced Dentistry (Fellow Member).

He was Clinical Assistant Professor in the Division of Restorative Science at the University of Southern California, Los Angeles, USA.

**DATE: SATURDAY 27TH JANUARY**  
**TIME: 11:00 - 11:45**

#### SYNOPSIS

Great improvements have been made in the field of aesthetics restoration in the last few years. This evolution derives not only from aesthetics requirements of the patient, but also from a good relationship between the dentist and the dental technician.

The clinician should know technical steps to make the process easier the imagination of the technician and the laboratory should know the clinical operative steps with the possible difficulties in the mouth, so that the technician can develop more techniques to help the dentist in his work. In this way it is possible to plan the case that will also give to the patient the possibility to perceive and understand clearly the treatment proposed. Technically the numerous possibilities for anatomical tooth reproduction will be examined.

A new system that will enable dental professionals to go beyond the usual creative standards in esthetic rehabilitation. The principal tooth forms and their characteristics will be analysed and the discussion will lay groundwork for the introduction of a new tooth-form classification called Dental Anatomical Combination. Comparing to the face of the patient several factors will be evaluated when designing an individual customized dental restoration.

Other new digital systems will be evaluated in order to create an individual tooth shape for the patient and the subsequently customized smile. The application of this new system and subsequently ceramic layering procedures will be demonstrated via a clinical case report.

All rehabilitations, simple or complex, are created with precision using a stereomicroscope to achieve a planned result and increasing the longevity of the restoration.

The objective of this topic is to provide valuable information to support the prosthodontic team in the treatment of the various clinical cases.

Detailed analysis of the most significant clinical and technical procedures will be described, beginning with the clinical diagnosis and subsequent diagnostic wax up, then progressing to the correct use of the provisional restorations, which are fundamental in the conditioning and correct development of the soft tissues, as well as in the achievement of the functional and esthetical objectives.







# DAVID DE FRANCO

## ORTHODONTIC APPROACHES AND STRATEGIES IN THE TREATMENT OF INTERDISCIPLINARY PATIENTS



### SPEAKERS

### SCHEDULE

#### DAVID DE FRANCO



Dr. De Franco obtained a B.A. degree in biochemistry from the University of Pennsylvania, a D.M.D. degree from the University of Connecticut and the certificate in Orthodontics with a Doctorate of Medical Sciences degree in Oral Biology from Harvard University.

He moved to Milan in 1992 where he has been working ever since in private practice limited to orthodontics. He is a Diplomat of the American Board of Orthodontics, the European Board of Orthodontics, and the Italian Board of Orthodontics. He has served as Chairman of Examiners and President of the European Board of Orthodontics.

He is a member of AAO, EOS, Harvard Society for the Advancement of Orthodontics and is an active member of SIDO, Italian Academy of Orthodontics, as well as the European Academy of Esthetic Dentistry and the Eastern Component of the Angle Society. He was President of the Angle Society in 2017-2018 and President of the Italian Academy of Orthodontics in 2021. He has numerous publications and is a reviewer for several orthodontic journals.



DATE: SATURDAY 27TH JANUARY  
TIME: 11:45 - 12:30

#### SYNOPSIS

Orthodontic treatment is indicated to reposition natural teeth in the majority of partially edentulous patients requiring prosthetics and osseointegrated implants. The orthodontics may be important to correct the sagittal, vertical and transverse positions of the teeth, to improve masticatory function, to create the necessary space for restoring the M-D dimension of the crowns and to obtain a satisfactory and natural looking esthetic outcome.

Osseointegrated implants, as well as non-integrated mini-implants or temporary anchorage devices (TADs), can be used as anchorage to carry out the planned orthodontic movements, especially in those patients with many missing teeth, and to support temporary crowns in edentulous areas. The treatment of such patients implicates an accurate diagnosis, careful treatment planning and an efficient line of communication between the orthodontist and the prosthodontist. This lecture will illustrate the variables that should be taken into consideration when a combined orthodontic-implant-prosthetic treatment is necessary. Several clinical cases will help demonstrate the decision-making process.

#### Learning aims and objectives:

- To stress the importance of an interdisciplinary collaboration and to create a team (orthodontist, prosthodontist, oral surgeon and dental technician).
- To plan the orthodontic-prosthetic treatment in a detailed manner and to demonstrate that it is indispensable for optimal control of the treatment.
- To understand the indications for an orthodontic setup as an effective means of communication within the team and with the patient.
- How TADs can be used as anchorage to obtain otherwise difficult or impossible tooth movements as well as to support temporary crowns for missing teeth.
- To illustrate complex clinical cases treated with an interdisciplinary approach.







# DR STEFANO GRACIS

PART 1: THE FORMULATION OF A TREATMENT PLAN:

PLANNED ROADMAP OR EXTEMPORANEOUS IMPROVISATION?

PART 2: THE SELECTION OF THE PROSTHETIC MATERIAL IN THE CAD-CAM ERA



## SPEAKERS

## SCHEDULE

### DR STEFANO GRACIS



Stefano Gracis received his D.M.D. degree in 1986 from the University of Pennsylvania in Philadelphia and, in 1987, from the University of Pavia (Italy). In 1990, under the guidance of Prof. Ralph Yuodelis, he obtained the certificate in Prosthodontics with an M.S.D. degree at the University of Washington in Seattle. He is the Past President of the European Academy of Esthetic Dentistry (EAED) and of the Italian Academy of Prosthetic Dentistry (AIOP).

He is on the Editorial Board of the International Journal of Esthetic Dentistry. He has contributed several articles and chapters in the field of restorative dentistry and he lectures and gives courses regularly, both nationally and internationally, on topics related to fixed prosthodontics and implant prosthodontics.

He has been a consultant for several companies and has been involved in the Scientific Committee of several International congresses. He practices in his own interdisciplinary clinic in Milan, Italy, limiting his activity to prosthodontics and restorative dentistry.

DATE: SATURDAY 27TH JANUARY

TIME: 14:15 - 16:45

### BAAD MEMORIAL LECTURE

#### SYNOPSIS

**PART 1: THE FORMULATION OF A TREATMENT PLAN: PLANNED ROADMAP OR EXTEMPORANEOUS IMPROVISATION?**

If mastering any clinical dental procedure requires the acquisition of manual skills through training and practice, how does the dental professional learn to formulate a proper treatment plan? The clinician who undertakes this path has to understand that developing the necessary skills to plan a therapy that takes into account all patient-specific variables requires the acquisition of not only a good dose of experience, but also of evidence-based information on the predictability of the different clinical procedures, and an understanding of their correct sequence. If you are unsure about the approach to have when facing a challenging clinical case or if you often find yourself improvising, this lecture will provide you with a clear roadmap to treatment planning and execution.

#### Objectives:

At the end of the lecture, the participants will learn:

1. The 5 phases in which any treatment plan should be structured.
2. The importance of re-evaluations in order to assess what has been done and determine whether the objectives defined previously have been achieved.
3. The 6 questions to ask when composing an interdisciplinary treatment plan.

**PART 2: THE SELECTION OF THE PROSTHETIC MATERIAL IN THE CAD-CAM ERA**

Up to recently, metal-ceramics has been considered the gold standard for fabricating fixed prosthesis since it reconciles excellent mechanical and physical properties with the ability to deliver, at least in many situations, a satisfactory esthetic appearance. In the past three decades, the advent of metal free ceramic materials and of CAD-CAM systems has challenged this standard and has started a revolution in prosthodontics. These new materials have given the dental professionals a wider choice, but increased also their confusion and uncertainty. While providing better esthetics more easily, some of these products have proven to be short lived and erratic in behaviour.

This lecture will clarify the differences among the types and brands of all ceramic and ceramic-like restorations, and it will illustrate their clinical indications. Variables such as single crowns vs. bridges, the translucency of the material, the colour of the substrate, and the accessibility of the finish line for adhesive cementation will be critically analysed and discussed.

#### Objectives:

At the end of the lecture, the participants will learn:

1. Which materials are available and are indicated to manufacture prosthetic restorations in different clinical situations.
2. Which clinical criteria to apply in order to select the best material for a single crown and for a bridge replacing missing teeth.







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