



Inter-Dentale

IOWC - INTERDENTALE ONLINE WORLD CONGRESS

Programme 29 November 2025

**PROVEN BY SCIENCE, PERFECTED IN PRACTICE: MASTERING ANALOGUE AND DIGITAL
TECHNIQUES FOR EXCEPTIONAL AESTHETIC RESULTS**

- OPENING -

09:00 – 09:45 (UTC+1)

09:00 – 09:05 (UTC+1)

Welcome to IOWC 2025

Dr Anas Kassab & Julia Hoyer

09:05 – 09:45 (UTC+1)

Opening lecture: Modern esthetic dentistry from the MID perspective

PhD. DDS. Eraldo Pesaressi

This lecture explores the evolving landscape of modern esthetic dentistry through the lens of minimally invasive dentistry (MID). Emphasizing the preservation of natural tooth structure, the session will highlight contemporary techniques and materials that allow for highly aesthetic outcomes with minimal biological cost. Recent evidence supports the shift from aggressive restorative procedures toward biomimetic strategies that integrate teeth whitening, resin infiltration, adhesive technologies and digital tools. Clinicians will learn how to harmonize esthetics, function, and conservation using modern approaches like resin infiltration, injection molding and veneers.

Learning Objectives:

1. Understand the Principles of Minimally Invasive Aesthetic Dentistry: Review current concepts such as the caries management, restorative dentistry, and adhesive dentistry advancements.
2. Identify Evidence-Based Techniques and Materials: Evaluate recent research on minimally invasive interventions, including resin infiltration for white spot lesions, nano-hybrid composites, and ceramics for long-term aesthetic and functional success.
3. Apply Digital and Preventive Strategies in Clinical Practice: Demonstrate how digital smile design, intraoral scanning, and patient-specific risk assessment tools enhance both diagnosis and conservative treatment planning in aesthetic cases.



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- ANALOG MEETS DIGITAL: DIGITAL BLEACHING WORKFLOW - 09:45 – 11:20 (UTC+1)

09:45 – 10:15 (UTC+1)

The science behind: Unpacking tooth whitening agents and procedures

Dr Susanne Effenberger

Tooth whitening has become one of the most sought-after aesthetic dental procedures, driven by advancements in both products and procedures. Notably, these formulations are playing an increasingly important role beyond purely esthetic goals, contributing to the conservative management of developmental enamel opacities. This presentation explores the scientific principles underlying commonly used whitening agents such as hydrogen peroxide and carbamide peroxide. Participants will examine the mechanisms of action, efficacy, and safety profiles of these agents, along with factors influencing treatment outcomes. The session will also address the latest innovations and evidence-based recommendations for clinical application. A clear understanding of these fundamentals will empower dental professionals to make informed decisions and provide optimal care to their patients.

Learning Objectives:

1. Understand the chemical mechanisms by which tooth whitening agents interact with enamel and dentin.
2. Evaluate the comparative effectiveness and safety of various whitening procedures.
3. Apply evidence-based guidelines to select appropriate clinical treatment protocols for diverse patient needs.



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- ANALOG MEETS DIGITAL: DIGITAL BLEACHING WORKFLOW - 09:45 – 11:20 (UTC+1)

10:20 – 11:05 (UTC+1)

Digital bleaching workflow: A contemporary approach to tooth whitening in clinical dentistry

Prof. Alessandra Buhler Borges

The objective of this lecture is to explore the clinical integration of digitally fabricated bleaching trays as a modern alternative to conventional methods. Benefits such as improved tray fit, precise gel application, reduced gingival irritation, and increased efficiency through fewer manual steps will be discussed. Attention will also be given to the advantages of controlled gel placement in specific clinical cases, such as molar-incisor hypomineralization (MIH), where bleaching may enhance the esthetic outcomes of subsequent resin infiltration treatment.

Learning Objectives:

1. Identify the clinical benefits of digital bleaching trays over conventional methods.
2. Understand the workflow improvements in digital bleaching tray production.
3. Identify how controlled gel placement aids treatment in cases like MIH and enhances esthetic outcomes of resin infiltration.

11:05 – 11:20 (UTC+1)

Q&A with Dr Susanne Effenberger & Prof. Alessandra Buhler Borges



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- INFILTRATION MEETS COMPOSITE BONDING -

11:25 – 13:15 (UTC+1)

11:25 – 12:10 (UTC+1)

Icon infiltration in daily practice

Erik-Jan Muts, M.Sc.

Sometimes infiltration seems unpredictable in esthetic cases. Why do we experience these mediocre results? During this lecture we will discuss diagnosis, contemporary analysis (with transillumination f.e.) and custom treatment planning combining (1) micro-abrasion, (2) bleaching, (3) infiltration and (4) composite bonding. Warning: this approach will tremendously improve your outcome with infiltration!

Learning Objectives:

1. Diagnosis of different enamel defects and their main characteristics.
2. How to combine (1) micro-abrasion, (2) bleaching, (3) infiltration and (4) composite bonding.
3. How to tweak the protocol depending on the diagnosis.



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- INFILTRATION MEETS COMPOSITE BONDING - 11:25 – 13:15 (UTC+1)

12:15 – 13:00 (UTC+1)

Simple yet effective - Mastering individualized anterior composite restorations

Dr Basel Kharbot

With the right techniques, "biomimetic" anterior fillings don't have to be complicated. This webinar will present various approaches to composite restorations, ranging from simple, single-shade systems to individualized layering techniques. Along the way, we will explore different aspects of bonding, matrix, and polishing techniques to get reliable and satisfactory results.

Learning Objectives:

1. To be able to identify the individual indications for different layering techniques.
2. To recreate the anatomical elements necessary for mastering "biomimetic" composite restorations.
3. To have fun with it and stay motivated to try out new things!

13:00 – 13:15 (UTC+1)

Q&A with Erik-Jan Muts, M.Sc. & Dr Basel Kharbot

Time for lunch!!



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**- MINIMALLY INVASIVE VENEERS:
CURRENT STATE OF THE ART FOR NO-PREP AND CERAMIC VENEERS -
14:00 – 15:55 (UTC+1)**

14:00 – 14:45 (UTC+1)

Composite Veneers: From proper indication to long-term maintenance

Prof. Leandro Augusto Hilgert

The evolution of Esthetic Dentistry and the increasing emphasis on a Minimum Intervention approach have driven the development of treatment strategies that balance tooth preservation with patient expectations. When ultra-conservative methods are insufficient to achieve the desired outcomes, well-indicated, thoroughly planned, and precisely executed veneers may become essential components of treatment. Resin composites represent a viable restorative material option for a wide range of veneer indications, offering distinct advantages and limitations compared to ceramics.

Learning Objectives:

1. Explore contemporary, minimally invasive, and “tooth-friendly” indications for veneers.
2. Evaluate the benefits and limitations of resin composites as a restorative material.
3. Present a comprehensive, step-by-step protocol for the planning, execution, and long-term maintenance of composite veneers.



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- MINIMALLY INVASIVE VENEERS: CURRENT STATE OF THE ART FOR NO-PREP AND CERAMIC VENEERS - 14:00 – 15:55 (UTC+1)

14:55 – 15:40 (UTC+1)

Veneers in complex cases: A systematic approach

Dr Alex Rugină

Veneers are a valuable tool in achieving aesthetic dental outcomes. While initial results can be impressive, long-term success depends on integrating these treatments within the patient's overall functional and biological systems.

This lecture outlines a structured approach to managing complex veneer cases, focusing on the transition from aesthetic planning to functional integration. Practical strategies will be presented to help bridge the gap between theoretical knowledge and everyday clinical application.

1. Learning Objectives:
2. Understand the key functional and biological principles that influence the long-term success of veneer treatments in complex cases.
3. Learn a step-by-step, systematic approach for planning and executing veneer cases with greater predictability.
4. Identify common clinical pitfalls and discover practical strategies for integrating advanced concepts into daily practice.

15:40 – 15:55 (UTC+1)

Q&A with Prof. Leandro Augusto Hilgert & Dr Alex Rugină



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- CLOSING PROGRAMME -
16:00 – 17:00 (UTC+1)

16:00 – 16:45 (UTC+1)

Dental Photography: From documentation to artistry

Dr Edward Li, BDS

Understand the essential role of high-quality documentation in modern dentistry. Discover how clinical photography enhances outcomes and communication within the team and with patients.

A valuable yet often misunderstood skill, photography is more accessible than it appears.

Learning Objectives:

5. What an essential set-up and how to use it in daily practice without added time.
6. Basic documentation and review process.
7. Advance artistic documentation and what is gained from these images.

16:45 – 16:55 (UTC+1)

Q&A with Dr Edward Li, BDS

16:55 – 17:00 (UTC+1)

Farewell and thanks

Dr Anas Kassab & Julia Hoyer