

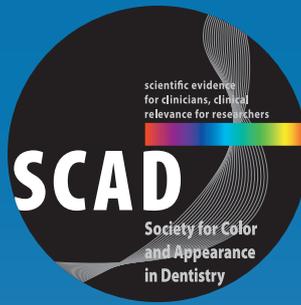
The New Era of Esthetic Dentistry

**13th Annual Conference
of the Society for Color
and Appearance in Dentistry
(SCAD)**

September 9-10, 2022
Hyatt Newport Beach Hotel, CA

PROGRAM BOOK

www.scadent.org • info@scadent.org



13th Annual Conference • Hyatt Newport Beach Hotel, CA, September 9-10, 2022

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Recommended Attire

Welcoming reception and educational sessions: Business casual
 President's Dinner: A "luau" themed dinner (Hawaiian)

Event Venues

Thursday, September 8

Master Class, Garden Room I
 Welcome Reception, Garden

Friday, September 9

Breakfast, Lunch, Plaza Arbor
 Scientific Program, Plaza I and II
 President's Dinner, Plaza I and II

Saturday, September 10

Breakfast, Plaza Arbor
 Scientific Program, Plaza I and II

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A Message from the President



Dear Colleagues,

The Executive Board of the Society for Color and Appearance in Dentistry (SCAD) cordially welcomes you to our 13th Annual Conference.

The meeting features high-quality, evidence-based information on color and esthetic dentistry, presented by many of the leaders in this field (up to 13.5 CE hours).

We look forward to sharing the information and passion with you!

Federico G. Ferraris, DDS
President, SCAD



Program

Thursday, September 8, 2022

14:00-16:30 *Color Matching Masterclass*

Didactic:

Rade D. Paravina, DDS, MS, PhD: **Color basics and introduction**

Rodrigo Maia DDS, MS, PhD: **Shade matching for direct restorations**

Federico Ferraris, DDS: **Shade matching for indirect restorations**

Aki Yoshida, RDT: **How to transfer the shade matching to the lab and how to replicate it with ceramic materials**

Demonstration/Hands-on:

Jim McGuire: Easyshade V

18:00-19:30 *SCAD Executive Board Meeting*

19:30-21:00 *Welcoming Reception*

Friday, September 9, 2022

7:00-8:00 *Breakfast with new members*

8:00-8:15 *Opening Ceremony*

8:15-8:55

Andrea Ricci, DDS

Digital workflows for predictable smile designs

9:00-9:40

Telmo Santo, CDT

Natural tooth color effect on monolithic materials using stains, texture and polishing

9:40-10:10 *Break*

10:10-10:50

Jean C. Wu, BDSc, MDSc, DDS

Collaborative goal setting for improved patient outcomes

10:50-11:30

Gabriella Romano, DDS

Pink and white - getting it right: Soft tissues health and appearance in esthetic rehabilitation

11:30-12:10

Riccardo Ammannato, DDS

Worn dentition? Direct and indirect adhesive management through a non-invasive approach

12:10-13:10 *Lunch & Poster Viewing*

13:10-13:50

Rodrigo Maia, DDS, MS, PhD

Shade selection & shade reproduction for direct composite restorations: Is there a recipe to replicate nature?

Friday, September 9, 2022, Cont'd

- 13:50-14:30** Douglas A. Terry, DDS
Creating a balance between traditional and new technology with concepts of the past
- 14:30-15:10** Sonia Leziy, DDS, Dipl Perio
Enhancing esthetic treatment outcomes and patient experiences
- 15:10-15:40** *Break, poster viewing*
- 15:40-16:20** Nazariy Mykhaylyuk, DDS
Digitalization - esthetic side
- 16:20-16:50** *Round table – Q&A*
- 16:50-17:00** *SCAD Open Meeting*
- 19:00-22:00** *President's Dinner & Award Ceremony*

Saturday, September 10, 2022

- 7:00-8:00** *Breakfast*
- 8:00-8:40** Sillas Duarte, DDS, MS, PhD
The synergy between digital and minimally invasive adhesive treatment concepts
- 8:45-9:25** Murilo Calgaro, CDT
A behind-the-scenes look at the process for delivering high performance ceramic restorations for full mouth rehabilitation
- 9:35-10:10** Aki Yoshida, RDT & Rade D. Paravina, DDS, MS, PhD
Color in dentistry decoded
- 10:10-10:50** Javier Vasquez, DMD, MICCMO, MDT
Three-dimensional management of dento-gingival rehabilitation
- 10:50-11:20** *Break*
- 11:20-12:00** Joseph Kan, DDS, MS
Esthetics single immediate tooth replacement: What have we learned over the past 25 years
- 12:05-12:45** Ernesto Lee, DMD
Minimally invasive strategies to optimize implant esthetics: A paradigm shift in treatment protocols and indications
- 12:50-13:20** *Round table – Q&A*
- 13:20-TBD** *Closing Ceremony*

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Andrea Ricci, DDS

Dr. Andrea Ricci graduates from University of Perugia in 1996.

In 1999, after a three years training program he achieved the Certificate in Advanced Prosthodontics at the University of Southern California in Los Angeles. In the same university he had didactic activity.

Since 1999 he limits his practice to Prosthodontics, Periodontology and Implant Dentistry with special emphasis to the aesthetic areas.

He is an Active Member of the European Academy of Esthetic Dentistry (EAED), Associate Member of the American Academy of Restorative Dentistry (AARD), Active Member of the Italian Academy of Esthetic Dentistry (IAED).

He is founder and Scientific Director of IDEAT (Institute of Dental Education and Therapy), a teaching Institute that organizes on-site and on-line training courses for dentists.

Co-author of several papers published in international journals.

He has lectured extensively in Europe, United States, China, Singapore, Saudi Arabia, Brazil, United Arab Emirates and in Japan.

Since January 2018 he is a Coach of the Roberto Re Leadership School, the biggest personal growth organization in Europe.

Oral Presentations

Friday, September 9
8:15-8:55

Digital workflows for predictable smile designs

Andrea Ricci, DDS

Lecture Description

Digital Smile Design is a multi-purpose tool that can help the dentist during different phases of treatment. From the first visit until the final cementation the DSD protocol can be utilized by the dental team and the patient to understand the esthetic issues, the elaboration of the proper treatment planning and also improving the effectiveness of the clinical sequence, facilitating the communication between clinicians and the technician. Lines and shapes drawn on extra oral pictures which give appropriate references can be transferred to intraoral photos and this help the team to widen the vision of the case, understanding the limitations, highlighting the esthetic issues and pre-visualizing the outcome. It also allows continuous re-evaluations of the treatments outcomes, providing valueless growth of the team's skills.

DSD changes the method that the clinician utilize to communicate with the patient. Most of the times we are not very good explaining procedures, sequences and rationales of the treatment plans. Videos, photos and presentations help improve this communication. Last but not least, will also increase case acceptance that is a critical aspect for the success of any dental office.

Objectives:

- [1] The advantages of using the DSD Philosophy in his/her daily practice;
- [2] How to define predictably the Occlusal Plane, Incisal Length and Midline;
- [3] New methods for diagnosing esthetic issues;
- [4] Digital protocols for smile designing.

Oral Presentations

Friday, September 9
9:00-9:40

Natural tooth color effect on monolithic materials using stains, texture and polishing

Telmo Santos, CDT

Lecture Description

Monolithic materials - CAD/CAM - Optimized Chairside With the incredible development of dentistry in recent years, monolithic materials have been presenting themselves as an efficient, fast and safe option. It does not matter the type or brand used by each professional of these materials, but how to extract from them in the best possible way, natural effects optimizing time and cost. Monolithic materials are less prone to errors, work very well, and have extensive scientific documentation. The most important benefit to professionals and patients: standardization of quality, naturalness in health and dental aesthetics.

Objectives:

Learn about the monolithic materials most beneficial methods to achieve:

- [1] Natural effects;
- [2] Optimize time;
- [3] Optimize costs.



Telmo Santos, CDT

Telmo Santos is Brazilian, Dental Technician, Digital Oral Design, 17 years producing works in CAD/CAM, but always adding his personal touch to his digital restorations. Based in Miami since September 2021 - Head of the MiamiDentist4U Lab, he also customizes his work at the MiamiDentist4U clinic, focused on the individualization of monolithic anterior teeth.



Jean C. Wu, BDS, MDS, DDS

Dr. Jean Wu obtained her Bachelor of Dental Science from the University of Melbourne and Doctorate of Dental Surgery from the University of Tennessee. She has her Masters in Prosthodontics and also a certificate in Maxillofacial Prosthetics. Dr. Wu is a member of the American College of Maxillofacial Prosthetics, American College of Prosthodontists, American Association of Women Dentists, American Dental Association and the California Dental Association. Wu is Partner in the Sheets, Paquette and Wu Dental Practice, practicing as a Prosthodontist, specializing in the replacement of missing tooth structures with veneers, crowns, implants and dental prostheses. Dr. Wu is also the Educational Director of the Newport Coast Oral Facial Institute, a non-profit international teaching and research center where she instructs dentists from around the world on the use of the clinical microscope in dentistry. She has published over 15 articles, co-authored several textbook chapters, and Editor of the Pacific Coast Society for Prosthodontics.

Oral Presentations

Friday, September 9
10:10 - 10:50

Collaborative goal setting for improved patient outcomes

Jean C. Wu, BDS, MDS, DDS

Lecture Description

Exchanging ideas and working together at the beginning of patient care utilizes the collective expertise to formulate a solution. A shared vision between providers from the diagnosis, sequencing and treatment execution allows for the best treatment outcome. Integrating new technologies such as intra-oral scanners, CBCT, and CAD/CAM can help improve communication, precision, efficiency and contribute to more predictable results.

Objectives:

- [1] What components are critical when working with other clinicians?
- [2] How to sequence the treatment plan with other co-therapists?
- [3] Effective follow-up for predictable patient outcomes.

Oral Presentations

Friday, September 9
10:50-11:30

Pink and white - getting it right: Soft tissues health and appearance in esthetic rehabilitation

Gabriella Romano, DDS

Lecture Description

The achievement of an excellent esthetic result is a combination of dental harmony and gingival tissue harmony.

In aesthetic rehabilitations, an optimal appearance of the periodontal tissues is essential. Therefore, optimal integration of restorative work and periodontal tissue management is a key factor in achieving the best tissue health and aesthetics.

We will see how adopting a biologically integrated approach at the most favourable treatment and surgical times will allow us to achieve greater clinical success.

Objectives:

- [1] How to integrate dental and periodontal tissue evaluation into aesthetic planning?
- [2] How to choose the right treatment procedure and timing in different clinical situations?
- [3] How to integrate restorative treatment and surgical management of periodontal tissues to achieve long-term esthetic success?



Gabriella Romano, DDS

She was born in Casarano in 1979, she graduated with honors in Dentistry and Dental Prosthetics at the University of Bari. She has participated as a speaker at several international scientific congresses and Masters. Active member of the Italian Academy of Conservative and Restorative Dentistry and Italian Academy of Esthetic Dentistry. Master Member of the Adhesthetics study group of dr. Federico Ferraris. She works as a freelancer in her studies in Galatina and Casarano, dealing exclusively with restorative and aesthetic dentistry and periodontology.

Incoming General Secretary of the Italian Academy of Conservative and Restorative Dentistry.



Riccardo Ammannato, DDS

Graduated at Genoa University (Italy) in 1999.

Internship at the Department of Operative and Restorative Dentistry, University of Zurich under the guidance of Prof. F. Lutz; studying adhesive dentistry and its applications in operative and prosthetic dentistry.

Teacher at University of Rome Tor Vergata (Italy), for the year 2017, in Restorative and Esthetic Dentistry. Direct by Prof F. Mangani.

Active Member of the European Academy Esthetic Dentistry (EAED); Active Member of the Italian Academy of Operative AIC (Accademia Italiana di Conservativa) since; Active Member of the Italian Academy Esthetic Dentistry (IAED).

He has developed and published in 2015 and 2018 on the International Journal of Esthetic Dentistry (IJED), a new and no prep approach to restore worn dentition: The "Index Technique"

Author of articles on adhesive and restorative dentistry and speaker in international courses and congresses.

He currently practices at his office in Genoa, with multidisciplinary approach, but focusing on esthetics and restorative dentistry.

Oral Presentations

Friday, September 9
11:30-12:10

Worn dentition? Direct and indirect adhesive management through a non-invasive approach

Riccardo Ammannato, DDS

Lecture Description

The main goal of this lecture is to provide, indications and protocols to diagnose and treat severe worn dentition through a new no prep approach increasing the VDO: "The Index technique". The lecture will also focus on when and how to bond on worn dentition, additive partial indirect restorations in composite and/or ceramic, depending on the indication.

All the step by step protocols will be addressed through images and videos in order to have a clear over view of this technique through an analog and digital workflow.

Objectives:

- [1] How to diagnose worn dentition (erosion and/or attrition)?
- [2] The indications and protocols for a no prep direct adhesive approach: "The Index Technique";
- [3] The indications and protocols for an indirect adhesive approach through composite and ceramic restorations.

Oral Presentations

Friday, September 9
13:10-13:50

Shade selection & shade reproduction for direct composite restorations: Is there a recipe to replicate nature?

Rodrigo Maia, DDS, MS, PhD

Lecture Description

The purpose of this presentation is to highlight the importance of shade selection and shade reproduction in the final aspect of direct bonded composites using different materials and techniques to achieve natural looking restorations. This program will help the participants to achieve excellent esthetics outcomes, optimal function and affordable solutions for direct composite restorations while preserving natural tooth structure.

Objectives:

- [1] Understand the light propagation in dental tissues and dental composites for different incremental direct build-up techniques;
- [2] Explain the difference between shade selection and shade reproduction;
- [3] Chose specific materials and build-up techniques that most closely mimics the optical properties of natural tooth structures.



Rodrigo Maia, DDS, MS, PhD

Dr. Maia is a clinical associate professor and the discipline coordinator in the Department of Cariology, Restorative Sciences, and Endodontics at the University of Michigan School of Dentistry. He holds a Certificate in Operative Dentistry and in Periodontology from the Brazilian Air Force. He earned an M.S. and Ph.D in Restorative Dentistry from the Rio de Janeiro State University, Brazil and completed his post-doctoral training at the UIOWA - Dows Institute of Dental Research. He served as a Co-Director of the Advanced Education Program in Operative Dentistry at the UIOWA from 2015-2020.

As a clinician and a scientist his research goal is to blend basic science and cutting-edge technology to expand interdisciplinary collaborations aiming to enhance the knowledge in the area of light interaction in dental tissues/biomaterials and seek for new standards to allow clinicians to achieve restorations with light properties that closely replicate the natural appearance of dental tissues.



Douglas A. Terry, DDS

Dr. Douglas A. Terry presently holds positions as an adjunct professor in the department of restorative sciences at the University of Alabama at Birmingham, and Professor Emeritus in the department of conservative dentistry and endodontics at the V.S. Dental College & Hospital, Rajiv Gandhi University of Health Sciences in Bangalore, India. He has authored several hundred scientific articles and textbooks in numerous languages including *Natural Aesthetics with Composite Resin* (Montage Media, 2004), *Aesthetic & Restorative Dentistry: Material Selection & Technique* (Everest Publishing Media, 2009), *Esthetic and Restorative Dentistry: Material Selection and Technique, Second Edition* (Quintessence Publishing, 2013), *What's in Your Mouth? / What's in Your Child's Mouth?* (Quintessence Publishing, 2013), *Smile! Your Guide to Esthetic Dental Treatment* (Quintessence Publishing, 2014), *What's in Your Mouth? Your Guide to a Lifelong Smile* (Quintessence Publishing, 2014) *Expressions of the Soul Exposed* (Quintessence Publishing, 2015) *Restoring with Flowables* (Quintessence Publishing, 2016), *Esthetic and Restorative Dentistry: Material Selection and Technique, Third Edition* (Quintessence Publishing, 2018) *Restoring the Intraradicular Space: Esthetic Post Systems* (Quintessence Publishing, 2021). He has lectured both nationally and internationally on various subjects in restorative and aesthetic dentistry and is a dental materials clinical research consultant for industry manufacturers. Dr. Terry is the founder and CEO of the Institute of Esthetic and Restorative Dentistry and a member of Oral Design International. He maintains a private practice in Houston, Texas.

Oral Presentations

Friday, September 9
13:50-14:30

Creating a balance between traditional and new technology with concepts of the past

Douglas A. Terry, DDS

Lecture Description

This 40-minute presentation will describe how concepts, materials and techniques of the past have influenced esthetic design. A comparison of the traditional to the digital will be illustrated in different materials, concepts, and techniques. A discussion of how knowledge and experience of these concepts of the past are required for optimal esthetic results with digital technology. The question of whether it is better or just different may explain the potential for harmony between the old and the new. This presentation will open the dialogue to embrace where we must go to know new ways and to continue honing for quality results while the journey continues to give us more possibilities as is seen in all new technological fields.

Objectives:

- [1] Learn the traditional techniques and materials used to develop esthetic design;
- [2] Compare traditional methods and techniques to digital technology;
- [3] Discover the significance of the injectable resin technique with traditional and digital application.

Oral Presentations

Friday, September 9
13:30-15:10

Enhancing esthetic treatment outcomes and patient experiences

Sonia Leziy, DDS, Dipl Perio

Lecture Description:

Esthetics in dentistry requires artistry and proficiency in restorative and technical procedures, however where surgery is required, the surgical team members must approach treatment planning and flawless execution with the same mindset for excellence. When successful, the white and pink balance and interplay are key to a pleasing esthetic outcome; poor soft tissue form cannot be compensated for with high-end ceramics and vice versa. This presentation will explore why today's surgery should be based on a digital workflow, from planning through surgical and restorative performance. This philosophy differentiates practices with patient-centered focuses, improves their productivity while promoting a less stressful environment, and ensures optimal collaboration for the entire team which ultimately improves treatment outcomes.

Objectives:

- [1] Extra/intraoral documentation in the digital workflow: the impact on planning, establishing appropriate decision guidelines and execution of predictable treatment protocols;
- [2] Concepts and materials to maximize bone and soft tissue volume and contours in implant dentistry and natural teeth;
- [3] Methods to influence marginal tissue color and form to complement ceramics..



Sonia Leziy, DDS, Dipl Perio

Dr. Sonia Leziy received her dental degrees from McGill University. Dr. Leziy's post-graduate degree in periodontics was completed at the University of British Columbia, Canada. She is a recognized international speaker on surgical concepts in periodontics and implant dentistry, she has received numerous teaching awards, is member of numerous societies and editorial boards. She is actively involved in numerous editorial, consulting and advisory boards. Dr. Leziy maintains a full-time private practice on Vancouver Island, British Columbia, Canada.



Nazariy Mykhaylyuk, DDS

Nazariy Mykhaylyuk is a specialist in a field of microscopic and digital dentistry (indirect restorative dentistry). Works in Kyiv, Ukraine in family clinic in a team with his father and dental technician Bogdan Mykhaylyuk.

Clinical work 70%, lecturing 30%.

By now conducted more than 450 presentations worldwide, visited over 60 countries sharing knowledge with other dentists.

Oral Presentations

Friday, September 9
15:40-16:20

Digitalization - esthetic side

Nazariy Mykhaylyuk, DDS

Lecture Description

Throughout the years proper protocols were created by top world specialists.

Then, microscopes and other magnification systems were introduced into a daily practice, and now it is difficult to imagine dentistry without them.

Everything seemed completed.

But no...

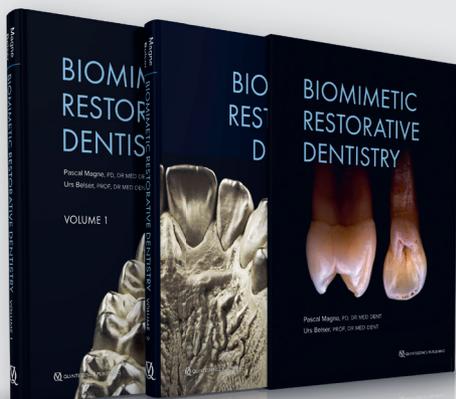
Modern dentistry moves one.

We are going digital - both functionally and esthetically.

Objectives:

- [1] Choice of proper material in digital workflow;
- [2] Monolithic restorations as esthetic solution;
- [3] Correct balance of colour and shape as a key to successful smile makeover.

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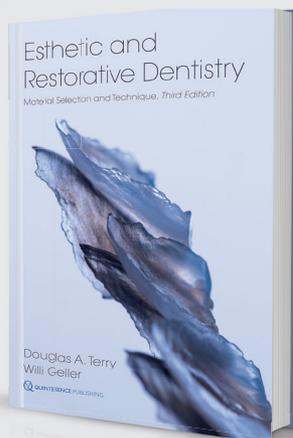


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Douglas A. Terry | Willi Geller
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Sillas Duarte, DDS, MS, PhD

Dr Sillas Duarte is Associate Dean of Comprehensive Care and Rex Ingraham Chair in Restorative Dentistry, Herman Ostrow School of Dentistry, University of Southern California. Dr Duarte is the Director of the Advanced Program in Operative & Adhesive Dentistry and the Master of Science in Biomaterials and Digital Dentistry at USC. He is the former editor-in-chief of Quintessence of Dental Technology (QDT), Section Editor in Adhesive Dentistry of the Journal of Esthetic and Restorative Dentistry and has served on the editorial boards of several journals. Dr. Duarte has lectured and performed hands-on courses nationally and internationally on esthetic dentistry, biomaterials, minimally invasive dentistry, and adhesion. He has been involved in teaching cutting-edge clinical techniques and technologies related to esthetic and adhesive dentistry. His research and clinical work focus on bonding to dental structures, composites, ceramics, and CAD/CAM technologies.

Oral Presentations

Saturday, September 10
8:00-8:40

The synergy between digital and minimally invasive adhesive treatment concepts

Sillas Duarte, DDS, MS, PhD

Lecture Description

Novel adhesive techniques and bonded restorations are able to provide patients, clinicians, and dental technicians with treatment alternatives that until recently would require invasive approaches and sacrifice of pristine dental structure. Through microscopically interaction between biomaterials and dental structure, highly-esthetic and long-lasting clinical solutions can be attained while simultaneously preserving the integrity of the enamel and dentin. The adhesive revolution has overturned established dogmas and concepts by advancing our profession with groundbreaking ultra-conservative philosophies that supported by the sealing and reinforcement of dental tissues. However, as newer adhesive dental materials and technologies are introduced at a very fast pace, it is essential that clinicians and dental technicians become familiar with their indications and limitations to provide the best restorative strategy for each individual patient. This presentation provides a systematic and scientific approach for selecting esthetic treatment modalities using adhesive techniques and CAD/CAM materials based on original research data with special emphasis on minimally-invasive adhesive techniques for materials design and selection.

Objectives:

- [1] Understand the advantages and limitations of different dental materials for esthetic restorations
- [2] Choose adhesive strategies for different clinical situations
- 3] Understand the advantages and limitations of current in-office CAD/CAM materials,

Oral Presentations

Saturday, September 10
8:45-9:25

A behind-the-scenes look at the process for delivering high performance ceramic restorations for full mouth rehabilitation

Murilo Calgato, CDT

Lecture Description:

Lab efficiency, consistency and excellence are critical to delivering predictable clinical results and superlative ceramic restorations, especially when attempting a full-mouth rehabilitation.

With a proven process, based on 3 main pillars, ceramists are better equipped to deliver dependable results, remain accountable in clinical planning and meet patient expectations, all while expressing their unique creativity.

Objectives:

- [1] Model System (combining digital and analog tools for precision);
- [2] Creating Color (with hand-layered ceramic);
- [3] Smile Design (clinical planning and smile choreography).



Murilo Calgato, CDT

Murilo Calgato was born in Curitiba Brazil in 1980 and started his journey as a dental technician following the steps of his father and his uncle, owners of one of the most recognized production laboratories in Latin America. After a few years performing with his father, Murilo was invited to work with renowned dentists in Brazil, Europe, United States and other countries, where he dedicated most of his time performing customized ceramic work. Practical courses for dental technicians and dentist became one of the main activities after the foundation of Murilo Calgato Dental Design Institute in Brazil. Murilo is an Oral design member since 2013, author and co-author of several articles and books in the field. Currently is the director of Apa Aesthetic's Lab in New York City where he is developing and managing a team of ceramists for Dr. Michael Apa.



Aki Yoshida,
RDT

Rade D. Paravina,
DDS, MS, PhD

Rade D. Paravina is a tenured professor in the Department of Restorative Dentistry and Prosthodontics, University of Texas School of Dentistry at Houston. He serves as Director of the John M. Powers, PhD, Houston Center for Biomaterials and Biomimetics (HCBB). Dr. Paravina has authored/co-edited three books, 15 book chapters, 270+ peer-reviewed publications (papers and abstracts), and has designed/developed several dental products and tests.

Dr. Paravina is founder and past president of the Society for Color and Appearance in Dentistry (SCAD). He is an officer in the Executive Council of the American Academy of Esthetic Dentistry (AAED), and fellow of AAED, SCAD and AADR. He serves as Editor-in-Chief of the Journal of Esthetic and Restorative Dentistry (Impact Factor 3.04).

Aki Yoshida is Master Ceramist with many years of experience in all aspects of Dental Technology. His passion and the talent that brings to the industry has been widely recognized.

Aki is owner-operator of Gnathos Dental Studio in Weston, Massachusetts USA. The laboratory, originally founded by Dr. Lloyd L. Miller, is an innovative quality driven dental lab consistently producing the highest level of dental restorations.

Aki is a technical instructor at Tufts University, Dept. of Post-Graduate Prosthodontics in Boston and a Lecturer at Harvard School of Dental Medicine.

He is Fellow member of the American Academy of Esthetic Dentistry Past President of Society for Color and Appearance in Dentistry. He also instructor for Kuraray Noritake Dental Supply.

Aki has presented numerous hands-on courses and lectures throughout the United States, South America, Europe and Asia.

Oral Presentations

Saturday, September 10
9:35-10:10

Color in dentistry decoded

**Aki Yoshida, RDT &
Rade D. Paravina, DDS, MS, PhD**

Lecture Description

Color and appearance are very pertinent to dental practice for the esthetic outcome and the natural replication of biomimetic restorations. This lecture will provide an overview of the most recent scientific developments combined with their clinical application. Examples and practical suggestions associated with enhanced esthetics in both the dental office and the dental laboratory will be covered. This includes, but is not limited to, the nature of color, evidence-based interpretation of clinical results, materials selection and quality control, computer modelling for "white", "pink", and relevance of translucency. You will learn traditional and advanced approaches aimed to address drawbacks and provoke a paradigm shift..

Objectives:

- [1] Understand the nature of color appearance and visual thresholds in dentistry, and their clinical relevance through the day-to-day dentistry point of view;
- [2] Review and contrast traditional (empirical) and contemporary (evidence-based) approach to tooth color matching, communication and reproduction;
- [3] Compare the "pink" related issues and solutions.

Oral Presentations

Saturday, September 10
10:10-10:50

Three-dimensional management of dento-gingival rehabilitation

Javier Vasquez, DMD, MICCMO, MDT

Lecture Description

The complexity of rehabilitation of dentogingival cases goes further than the replacement of missing teeth in combination with gingival ceramics. It is a fact that it is a biological factor that influences the bone volume, the interarch relationship, and the facial musculature. In this lecture we will show all the clinical workflows taking advantage of facial driven software, tridimensional jaw trackers, and complex manufacturing ceramics with exceptional masterclass results.

Objectives:

- [1] The proper records for a facial driven dentogingival rehabilitation;
- [2] You will learn the dentogingival mock up try-in alternatives;
- [3] You will understand the structural alternatives for compromised implant position cases.



Javier Vasquez, DMD, MICCMO, MDT

Dr. Vasquez obtained his Doctor in Dental Medicine degree at the Metropolitan University in 1997. He obtained his Fellowship in Fukuoka, Japan and a Mastership in the USA from ICCMO (International College of Cranio-mandibular Orthopedics).

Dr. Vasquez is the founder of Miami Natural Smiles by Oral Design Dental Clinic where together with an amazing clinical team of Doctors develop the most comprehensive and high end esthetic cases implementing the most advanced technology, science and dental art.

As part of his education commitments Dr. Vasquez is a current Clinical Adjunct Faculty at the Dental College of Augusta University in the Prosthodontist Program where he shares educational programs several times per year and also at the Biofunctional Dynamics Academy in Dijon, France, Barranquilla, Colombia and Miami, USA.

Dr. Vasquez is one of the early adopters in CAD CAM evolution for over 17 years and in the last 6 years has been an active developer into the integration and interdisciplinary treatment using 3D Data Integration.

For the past 5 years he united with Nemotec company in Madrid, Spain computer software integrated platform for interdisciplinary treatment planning.

Dr. Vasquez is a member of the world renowned organization Oral Design founded by Master Ceramist Mr. Willi Geller. He owns Oral Design Miami, dental laboratory studio focusing on high esthetics and function.

As a dentist, master ceramist, passionate education leader, clinical consultant and international speaker in the areas of occlusion, craniocervical dysfunction and high end esthetics he lives by his motto : "The limit is the sky! to dream, to learn, and to do! Live life!



Joseph Kan, DDS, MS

Dr. Kan completed Prosthodontics and Implant Dentistry from Loma Linda University. He is a professor and maintain a private practice.

Oral Presentations

Saturday, September 10
11:20-12:00

Esthetics single immediate tooth replacement: What have we learned over the past 25 years

Joseph Kan, DDS, MS

Lecture Description:

Achieving anterior implant esthetics is a challenging procedure. To create implant restorations with harmonious gingival contour that emulate nature is a fusion of science and art. Understanding biologic and physiologic limitations of soft and hard tissue will facilitate predictability in simple to complex esthetic situations.

This presentation will focus on 25 years of experience of esthetics implant tooth replacement treatment philosophies and methodologies. Emphasis will be placed on diagnosis and treatment planning, surgical, prosthetic and complications management of soft and hard tissue for optimal anterior implant esthetics..

Objectives:

- [1] Identify prognostic variables for immediate root replacement;
- [2] Understand various methods to maintain buccal contour for immediate tooth replacement procedures;
- [3] Does prosthetic emergence or profile play a role in long term immediate root replacement success?

Oral Presentations

Saturday, September 10
12:05-12:45

Minimally invasive strategies to optimize implant esthetics: A paradigm shift in treatment protocols and indications

Ernesto Lee, DMD

Lecture Description

Esthetic outcomes in Implant Dentistry are essentially dependent on the harmony, nature and character of the peri-implant gingival architecture. Restoring a patient's appearance in the presence of soft and hard tissue defects constitutes a very difficult challenge, particularly in scenarios that include high smile lines. This presentation will demonstrate the use of a novel minimally invasive surgical approach in conjunction with interdisciplinary therapy to predictably optimize the peri-implant soft tissue esthetics.

Objectives:

- [1] Discuss the limitations of current surgical management of esthetic implant complications;
- [2] Present a new protocol for immediate implants in the esthetic zone;
- [3] Demonstrate the use of novel minimally invasive surgery and interdisciplinary approaches to preserve and enhance implant sites.



Ernesto Lee, DMD

Dr. Ernesto Lee is a clinician and educator with 20+ years of academic and private practice experience. He is the developer of the S.M.A.R.T. Method, a novel Minimally Invasive Bone Grafting Procedure that enhances predictability and esthetics with fewer complications.

Dr. Lee was formerly a Clinical Professor and Director of the Graduate Periodontal Prosthesis Program at the University of Pennsylvania. He is the author of several publications, including the 3rd edition of Dr. Ronald Goldstein's Esthetic in Dentistry textbook; and has dictated over 250 lectures.

Dr. Lee's practice is located in suburban Philadelphia and is limited to Fixed Prosthodontics and Implant Dentistry.

SCAD Mission and Goals

The Society for Color and Appearance in Dentistry (SCAD) was founded in 2008 as a consortium of dental professionals and other experts interested in scientific investigation and application of color and appearance in esthetic dentistry.

The SCAD goals are as follows:

- To serve as a uniting force in the profession by promoting and fostering greater awareness for color and appearance;
- To advance multidisciplinary collaboration and discovery among industrial and institutional researchers, clinicians, laboratory technicians, and others with an interest in color and appearance in dentistry;
- To create and implement educational and training programs on color and appearance for dental professionals and students;
- To promote dental health for the general public through the advanced art and science of color and appearance in dentistry.

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Journal of Esthetic and Restorative Dentistry (JERD) and SCAD

The Journal of Esthetic and Restorative Dentistry (JERD), an official publication of SCAD, publishes two issues per year devoted to color and appearance in dentistry. JERD is the only journal devoted to esthetic dentistry with Impact Factor (IF), which is presently 3.04 (#38/92 journals with IF). We invite you to keep submitting your manuscripts to us, as we intend to keep the high level established by our parent journal – JERD is the only journal devoted to esthetic dentistry.



To submit a manuscript, go to
<https://mc.manuscriptcentral.com/jerd>
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We look forward to keep collaborating with you in supporting and promoting the best clinical and laboratory practice and research related to color and appearance.

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