

# Digital Challenges In Contemporary Dentistry



Dr. Kleanthis Manolakis

**09:00 to 09:45 am**Zirconia 4.0-optimized clinical performance  
of the fourth generation zirconia

Prof. Dr. Selim Pamuk

**10:00 to 10:45 am**15 years of experience with chairside  
CAD/CAM restorations. Sky is the limit?

Dr. Daniel Baketic

**11:00 to 11:45 am**

Intraoral scanning in an accessible way



Dr. Igor Ristic

**12:00 to 12:45 am**Entering the world of digital dentistry,  
synergy of conventional and digital protocols**17<sup>th</sup>****September****Place:** ESTIA HALL, located at Upper Ground Floor



# ZIRCONIA 4.0 - OPTIMIZED CLINICAL PERFORMANCE OF THE FOURTH GENERATION ZIRCONIA

## Abstract

*Successful long-term results in oral rehabilitation rely on a solid treatment plan and the application of rational prosthetic concepts. Which contemporary clinical prosthetic protocols should be given the priority? This lecture focuses on reproducible and safe clinical concepts for enhanced aesthetic outcomes and optimal prosthetic long-term results utilizing fourth generation zirconia ceramics.*

## Personal profile

- Dr. Kleanthis Manolakis was born in Thessaloniki, Greece.
- He graduated from the School of Dentistry, Albert-Ludwigs-University Freiburg, Germany in 1989. He also completed his thesis at the same university and was awarded the Dr.Med.Dent. degree in 1991.
- He was trained in fixed prosthodontics and dental implantology at the Center of Dental Medicine, Department of Prosthodontics and Department of Oral Surgery, University of Zurich, Switzerland (1993-1995).
- Since 1995 he maintains a private practice specializing in esthetics and dental implants in Thessaloniki, Greece.
- Founding member and since 2012 Treasurer of the Hellenic Academy of Aesthetic Dentistry. Country Chairman Greece for the European Society of Cosmetic Dentistry. Course director and instructor for international training courses.



**Dr. Kleanthis Manolakis**



# 15 YEARS OF EXPERIENCE WITH CHAIRSIDE CAD/CAM RESTORATIONS. SKY IS THE LIMIT ?

## Abstract

*During the last couple of years we saw increasing numbers of new intraoral scanners in dental market. Dentists are getting the experience of fast and more accurate digital impressions, which is also more comfortable for the patient, too. With the adoption of CAD/CAM technology, dentists will be able to produce single unit restoration on the same day, by using in-office milling system. As majority of restorations done in dental offices are single unit restorations and three units bridges, in-office milling machines will become an indispensable equipment for dental offices in time. Sooner or later analog methods and materials will be replaced by fully digital workflows.*

*Intraoral scanners and CAD/CAM are not the only digital solutions available for dentists. Nowadays, we get to see digital smile design solutions working together with CAD/CAM softwares, facilitating communication between the dentist, the lab technician and the patient. These useful communication tools help us pre-visualize and achieve a better result in aesthetic cases.*

## Personal profile

- Prof. Pamuk is born in 21st May 1958 in Istanbul. He is graduated from University of Istanbul Faculty of Dentistry in 1982. He finished his PhD studies in 1988. He became Associate Professor in 1991 and Professor in 1998 at the same faculty in Fixed Prosthodontics Department. Since 2008 he is working full time in his private office in Turkey and organizes implant, esthetics and CAD/CAM restorations courses. Prof. Pamuk published in many international and national journals and lectured in international dental community for several years. Implants, dental esthetic and CAD/CAM restorations are his main areas of interest.
- He works in close collaboration with Megagen, Bredent.
- Prof. Pamuk is founder and honorary president of Turkish Academy of Esthetic Dentistry.
- He is the president of Implant Study Club of the Academy. Prof. Pamuk is also an active member of IADR (International Association for Dental Research) and the past president of Implant Research Group in IADR. He is also member of European Prosthodontic Association, Computer Aided Implantology Academy, active member of IADDM (International Academy of Digital Dental Medicine), member of DDS (Digital Dental Society), member of Executive Committee of IFED (International Federation of Esthetic Dentistry), and Fellow member of ICOI (International Congress of Oral Implantologists).



**Prof. Dr. Selim Pamuk**



# INTRAORAL SCANNING IN AN ACCESSIBLE WAY

## Abstract

*As digital technology is progressing at a fast pace, every dental practitioner must be up to date. Nowadays, there is a variety of IOS on the market and choosing the right one for you is a challenge.*

*The CAMEO Intraoral Scanner is the most convenient and efficient multi-tool for various applications like diagnostics, patient education, and digital impression taking.*

*Accessibility of The Cameo IOS allows every dental office to enter the digital world.*

## Personal profile

- Doctor Daniel Baketić is a professional with over 20 years of work experience in restorative dentistry.
- He is a certified member chairperson of ESCD and member of the Expert Council of the Croatian dental Chamber.
- Owner and Director of Center for Aesthetic Restorative Dentistry and Dental Implantology (Esthetic Dental Center) in Zagreb.
- Active in organizing educational programs and lecturing minimally invasive dentistry.
- He is an Opinion leader and educator for numerous companies. He has always had a passion and is inspired by new technologies focusing on minimally invasive dentistry.



**Dr. Daniel Baketić**



# ENTERING THE WORLD OF DIGITAL DENTISTRY, SYNERGY OF CONVENTIONAL AND DIGITAL PROTOCOLS

## Abstract

*Increasing development and presence of digital devices in dental office and laborator, as well as demand for faster, more efficient and consistent workflows, put a whole team in a challenge how to integrate available product into standard clinical rutine. Digital devices evolve into indispensable tools from diagnostic to restorative treatment phases.*

*The purpose of the workshop in the form of masterclass would be how to integrate available digital equipment and product aimed for digital manufacturing into reliable support for high quality dental care while addressing the audience to critical steps and need to challenge the outcomes with standard analogue procedures. While addressing the problems through complex restorative cases, atendees would learn how to :*

- Develop a clear idea on how to begin leveraging technology to create a digitally driven practice
- Outline a strategic plan of conducting comprehensive treatments in digital environment
- Understand scope and potential of digital workflow to maximise utilisation and implementation of IOS and CAD to design restorative part on teeth and implants
- Combine analog with digital workflow in extremely demanding situations.

## Personal profile

- Graduated in Serbia in 1996, Dr Ristic searched the new frontiers emerging trends in esthetic dentistry and implantology. In 1999, he finished specialization in dental prosthodontics with special accent on all-ceramic adhesive restorations.
- In 2001 in Belgrade, Serbia, founded Center for Dental Esthetic and Implantology (CDEI), private dental clinic with a team of people, passionate about transforming smiles and changing patients quality of life.
- Dr Ristic loves teaching globally treatment planing and indirect restorative clinical procedures through lectures, hands-on trainings and workshops with focus on minimal restorative indirect procedures, implantology and digital dentistry workflows. In this activities Dr Ristic and CDEI cooperate intensively with leading global dental companies.
- During his carrier was awarded with a Fellowship from the ‘International Academy of Dental Facial Aesthetics’ in New York, an recognition shared by worlds eminent dental professionals, founded Serbian Society for Esthetic Dentistry and hosted table clinic on American Academy of Restorative Dentistry meeting in 2019.
- Dr Ristic is a board member and chairman for education of European Society for Esthetic Dentistry (ESCD)



**Dr. Igor Ristic**