



Friday, 8th May 2:30 pm-3:15 pm

## Aesthetics

### DIGITAL ESTHETIC PLANNING: EVOLVING FROM 2D IMAGES TO 4D SIMULATION

Digital technologies in contemporary restorative and aesthetic dentistry have evolved into a comprehensive ecosystem that integrates esthetics, function, and biology within a unified workflow. The transition from 2D photographic analysis to 4D functional simulation represents a paradigm shift in treatment planning. By combining facial scanning, digital impressions, motion tracking, and 3D printing, clinicians can validate both esthetic and functional outcomes before initiating irreversible procedures. This lecture presents a structured digital workflow designed to improve diagnostic precision and clinical predictability. Ultimately, digital planning is not about technology, but responsibility. The ability to simulate before acting transforms treatment planning into a conscious clinical decision, where esthetics, function, and biology are harmonized before any irreversible step is taken.

## ANDREA RICCI



Dr. Andrea Ricci graduated in Dentistry from the University of Perugia in 1996 and completed a three-year postgraduate program in Advanced Prosthodontics at the University of Southern California (USC), Los Angeles, where he also participated in academic teaching activities. Since 1999 he practices in Florence, Italy, where he recently founded the *Bottega Odontoiatrica Fiorentina*, a modern interpretation of the Renaissance "bottega," integrating manual craftsmanship, surgical precision, and advanced digital workflows. His clinical focus includes prosthodontics, implant surgery, and complex full-mouth rehabilitation, combining surgical and prosthetic phases within a unified diagnostic and digital planning approach. Dr. Ricci is President-Elect of the European Academy of Esthetic Dentistry (EAED), Associate Member of the American Academy of Restorative Dentistry (AARD), and Active Member of the Italian Academy of Aesthetic Dentistry (IAED). He is the Founder of Andrea Ricci Masterclass, an international educational platform dedicated to digital aesthetic planning, implant surgery, and comprehensive rehabilitation. Deeply committed to leadership and personal development, he integrates clinical excellence with mindset and responsibility, promoting a model of dentistry where technology serves biology and every irreversible procedure is guided by simulation and conscious decision-making. He has lectured internationally and organized courses