MAST BY MIKROS

DENTAL MICROSCOPY PRACTICAL COURSE

FABIO GORNI

18 JUNE

MILANO 2026

Mikros
Viale Edison 621, 20099
Sesto S. Giovanni, (MI)

www.fabiogorni.com

MICROSCOPY
COURSE
WITH **FABIO GORNI**

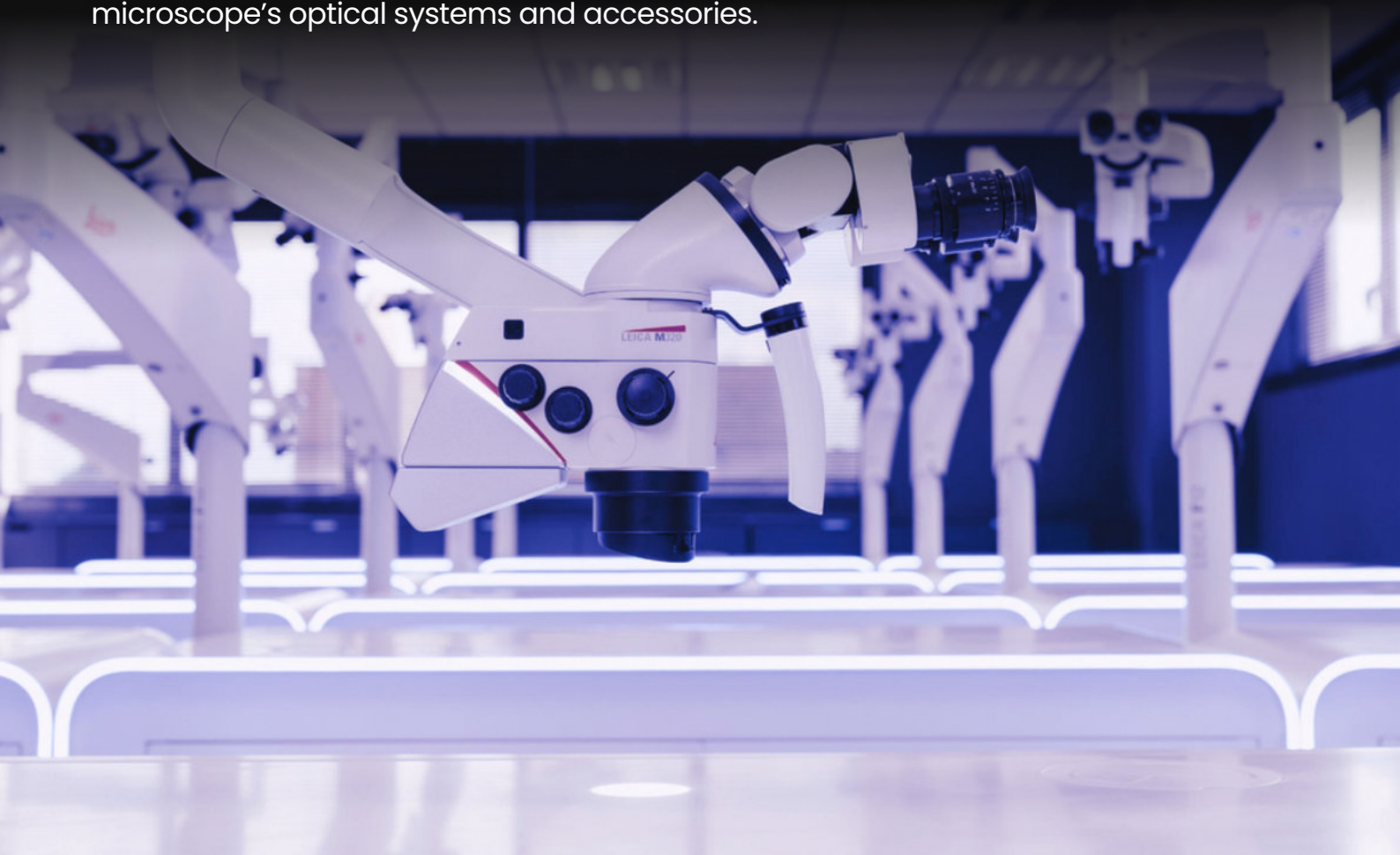
THEORETICAL–PRACTICAL COURSE

FROM THEORY TO CLINICAL PRACTICE

A comprehensive course that makes the use of the operating microscope simple, natural, and intuitive, providing solid theoretical and ergonomic foundations to master it confidently in clinical practice.

BY ATTENDING THE COURSE YOU WILL BE ABLE TO:

- Gain proficiency in the clinical use of the microscope through proper operational and ergonomic techniques.
- Integrate the microscope into all branches of dentistry to enhance the quality and efficiency of treatments.
- Improve clinical documentation and case presentation by making the most of the microscope's optical systems and accessories.



HOW THE COURSE DAY IS STRUCTURED

The day is structured to provide an **intensive and focused learning experience**, designed to ensure maximum effectiveness.

SCHEDULE

- Morning: **9:00 AM – 1:00 PM**
- Lunch at a nearby partner restaurant, just steps from Mikros
- Afternoon: **2:00 PM – 6:00 PM**
- Mid-morning and mid-afternoon breaks (with snacks, tea, and coffee)

LUNCH IS ON US !

The day includes **coffee breaks**, **lunch** and a **final aperitif** to end on a high note.
Everything is included in the price

SCHEDULE

JUNE 18

- **Differences between monocular and binocular vision:** stereoscopic perception, accommodation, convergence and visual fatigue
- **Magnification systems in dentistry:** loupes and microscopes, categories (diagnostic and operative), levels of use and observation
- **The microscope in dentistry:** from a luxury tool to a clinical necessity
- **Structure and optical components:** optical body, lenses, aberrations, resolution, depth of field and their relation to magnification
- **Optics:** objectives, binocular tubes, multifocal optics and accessories
- **Focusing systems:** manual and motorized
- **Illumination:** halogen, xenon and LED light, light concentrator and dual iris diaphragm
- **Documentation systems:** video cameras, digital cameras, and DSLRs, including related issues and image management
- **Ergonomics and positioning of the clinician, instruments, and assistant**
- **Preliminary adjustments:** parfocality, focus and fine focus
- **Operating positions in the different quadrants:** direct and indirect vision
- Use of rotary, ultrasonic and dental micro-instruments
- **Chairside assistance:** differences between co-observation and traditional assistance; the role of the assistant

PRACTICAL EXERCISE

High-magnification exercises on a model
Chairside exercises practicing various working positions