

40  
HOURS  
OF PRACTICE!

# ADVANCED PROFICIENCY DIODE LASER COURSE

## LASER EXPERIENCE DAY

WITH BASIC COMPETENCY LASER COURSE ALD CERTIFICATION  
FULL DAY OF LIVE OPERATION



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore



UNIVERSITÀ CATTOLICA DEL SACRO CUORE  
FACOLTÀ DI MEDICINA E CHIRURGIA  
"AGOSTINO GEMELLI"

## ADVANCED PROFICIENCY DIODE LASER COURSE

25 - 27/10/2018  
29/11 - 1/12/2018

2500 EUR



Course Director: Prof. Massimo Cordaro  
Scientific Coordinators: Prof. Vasiliso Kaitsas and Prof. Giovanni Olivi  
Didactic Coordinators: Prof. Luca Marigo and Dr. Raffaella Castagnola

DIPLOMA BY:



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore



## 25 OCTOBER 2018

9:00 - 9:15 Salutation: Prof. Massimo Cordaro (director of the Dental School) Course presentation: Prof. Luca Marigo (Dep. of Restorative Dentistry)

9:15 - 10:30 Prof. G. Olivi: Historical aspects of laser development. Laser photonic energy. Relationship of laser emission to ordinary light. Applications of the laser in Dentistry. Safety.

10:30 - 11:00 coffee break

11:00 - 12:00 Prof. G. Olivi: Production of laser photonic energy by solid-state, gas and semi-conductor-based laser machines. Emission modes: continuous wave; gated mode, time on/off; free running pulsed mode.

12:00 - 13:00 Hands on: Preparation of the fiber tip; cutting, activation and cleaning of the laser tip/fiber.

13:00 - 14:00 Lunch

14:00 - 14:15 Prof. G. Olivi: Applications of the diode laser in Restorative dentistry.

14:15 - 15:00 Prof. V. Kaitsas: teeth anatomy and ultrastructure.

15:00 - 16:00 Prof. G. Olivi: Dentin decontamination; Tooth hypersensitivity: enamel/dentin irradiation for desensitisation. Pulp therapy: pulpectomy/tomy, pulp decontamination, coagulation and capping.

16:00 - 16:30 coffee break

16:30 - 17:00 Prof. V. Kaitsas: root anatomy and ultrastructure.

17:00 end of the day

## 26 OCTOBER 2018

9:00 - 10:30 Dott. R. Castagnola: Access cavity preparation; orifice preflaring and glide path preparation; root canal preparation; irrigants and irrigation systems.

10:00 - 10:15 Prof. G. Olivi: Applications of diode laser in Endodontics: Conventional Laser Endodontics (CLE), aPAD (Photo Activated Disinfection), Laser Activated Disinfection (LAI).

10:30 - 11:00 coffee break

11:00 - 12:00 Prof. G. Olivi: Diode laser applications in Endodontics: direct laser irradiation in dry mode (CLE).

12:00 - 12:30 Prof. G. Olivi: Diode laser applications in Endodontics: direct laser irradiation in wet mode (CLE).

12:30 - 13:00 Diode laser applications in Endodontics: photoactivated disinfection (PAD).

13:00 - 14:00 Lunch

14:00 - 17:00 Dr. R. Castagnola and Dr. M. Olivi Hands on: root canal shaping, root canal cleaning and disinfection, root canal obturation on extracted teeth. Laser decontamination.

## 27 OCTOBER 2018

9:00 - 10:30 Prof. G. Olivi: Review of Laser Soft Tissue applications

10:30 - 11:00 coffee break

11:00 - 11:30 Labial frenulum: classification of normal or abnormal and anomalous labial frenum.

11:30 - 13:00 Diode laser applications for Labial Frenectomy

13:00 - 14:00 Lunch

14:00 - 15:30 Dr. M. D. Genovese: Lingual frenum development and body functions. The breastfeeding difficulty, Speech impairment, Cranio-facial growth, Body posture modifications.

15:30 - 16:00 Prof. G. Olivi: Lingual frenum diagnosis, treatment and follow-up

16:00 - 17:00 Hands on: laser frenectomy on animal model.



### 29 NOVEMBER 2018

9:00 - 11:00 Prof. C.Lajolo: Diagnosis of Oral Pathologies and conventional treatments.

11:00 - 11:30 coffee break

11:30 - 13:00 Laser applications for Oral Pathologies removal and biopsy.

13:00 - 14:00 Lunch

14:00 - 15:30 Prof. G.Olivi: Laser in Periodontics: surgical and non-surgical applications.

15:30 - 17:00 Dr. M.Olivi: hands on animal model.



### 30 NOVEMBER 2018

9:00 - 10:00 Dr. W.Altayeb: Laser use in oral soft tissue management. Laser wavelengths and consideration of optimal power parameters related to absorption phenomena.

10:00 - 11:00 Dr. W.Altayeb: Applications of diode lasers in Non Surgical Periodontics: Near infrared irradiation for decontamination and bleeding control. Red visible irradiation for activation of photosensitizers (aPAD). Red visible irradiation for LLLT. Gingival depigmentation.

11:00 - 11:30 coffee break

11:30 - 13:00 Applications of diode lasers in Surgical Periodontics: diode lasers for gingivectomy, gingivoplasty, crown lengthening, frenectomy.

13:00 - 14:00 Lunch

14:00 - 15:00 Dr. W.Altayeb: Implantology: second stage surgery, gingival contouring and modelling; red laser irradiation of photosensitizers for disinfection in periimplantitis.

15:00 - 16:00 Low Level Laser Therapy (LLLT) and Teeth Bleaching.

16:00 - 17:00 Hands on: laser gingivectomy, frenectomy on animal model.

### 1 DECEMBER 2018

Closing ceremony and University Diploma awarding

IN LASER STUDIO  
3 PIAZZA FRANCESCO CUCCHI, ROME

# LASER EXPERIENCE DAY

FULL DAY OF LIVE OPERATION  
AND BASIC COMPETENCY LASER COURSE  
ALD CERTIFICATION\*

24/10/2018 AND 28/11/2018  
20 SEATS AVAILABLE

900 EUR + 22% VAT



Course Director: Prof. Giovanni Olivi

DIPLOMA BY:

*inlaser*  
STUDIO MEDICO DENTISTICO OLIVI & GENOVESE

ALD  
Academy of Laser Dentistry

\* FOR PARTICIPANTS OF THE LASER EXPERIENCE DAY ONLY ON 1/12/2018

# 1/12/2018 CLOSING CEREMONY



## DIPLOMA TITLE

### ADVANCED PROFICIENCY DIODE LASER COURSE

On completion of the course, those who have successfully completed the **final assessment task and evaluation** of their knowledge and competence level, according to act no. 341/1990, a **Diploma in Advanced Proficiency in Diode Laser** will be granted.



## CERTIFICATION TITLE

### LASER EXPERIENCE DAY AND BASIC COMPETENCY LASER COURSE ALD CERTIFICATION

On completion of the course, those who have successfully completed the **final ALD test**, basic competency laser course **ALD certification** will be granted.

Click [here](#) for more details.



# HOW TO APPLY?



## COURSE ENROLLMENT:

A maximum of 15 to 30 candidates - with the required prerequisites - will be accepted on the course and will be enrolled in the same order as received bookings.

Course participants shall be dental practitioners holding a current licence to practice dentistry, conferred by a recognised National Dental Body. A signed self-certification by attenders attesting his/her degree/licence title must be provided.

A passing score on the final assessment and at least 90% of the course hours must be completed in order to receive the ECMs.

Organizers reserve the right to not proceed with, or to cancel the course, if an insufficient number or enrollments are reached in order to cover the course costs.



REGISTRATION AND PAYMENT  
DEADLINE: 24 SEP 2018

## REGISTRATION:

Application form is included on the separate document.  
Please fill all details and send to [biuro@lasotronix.pl](mailto:biuro@lasotronix.pl)

## PAYMENT DETAILS



There is a possibility to sign in just for option 1. All prices are quoted net. No refunds will be granted.

### OPTION 1

Pay directly on The University [website](#) Advanced Proficiency Diode Laser Course at The University only:  
- **2.500 EUR** by 24/09/2018

### OPTION 2

Payment via Lasotronix.  
Advanced Proficiency Diode Laser Course at the University and Laser Experience Day including ALD Certification Course  
- **3.598 EUR** (2.500 EUR + 1.098 EUR) to be paid directly to Lasotronix by 24/09/2018.



## PAYMENT DETAILS



### OPTION 1

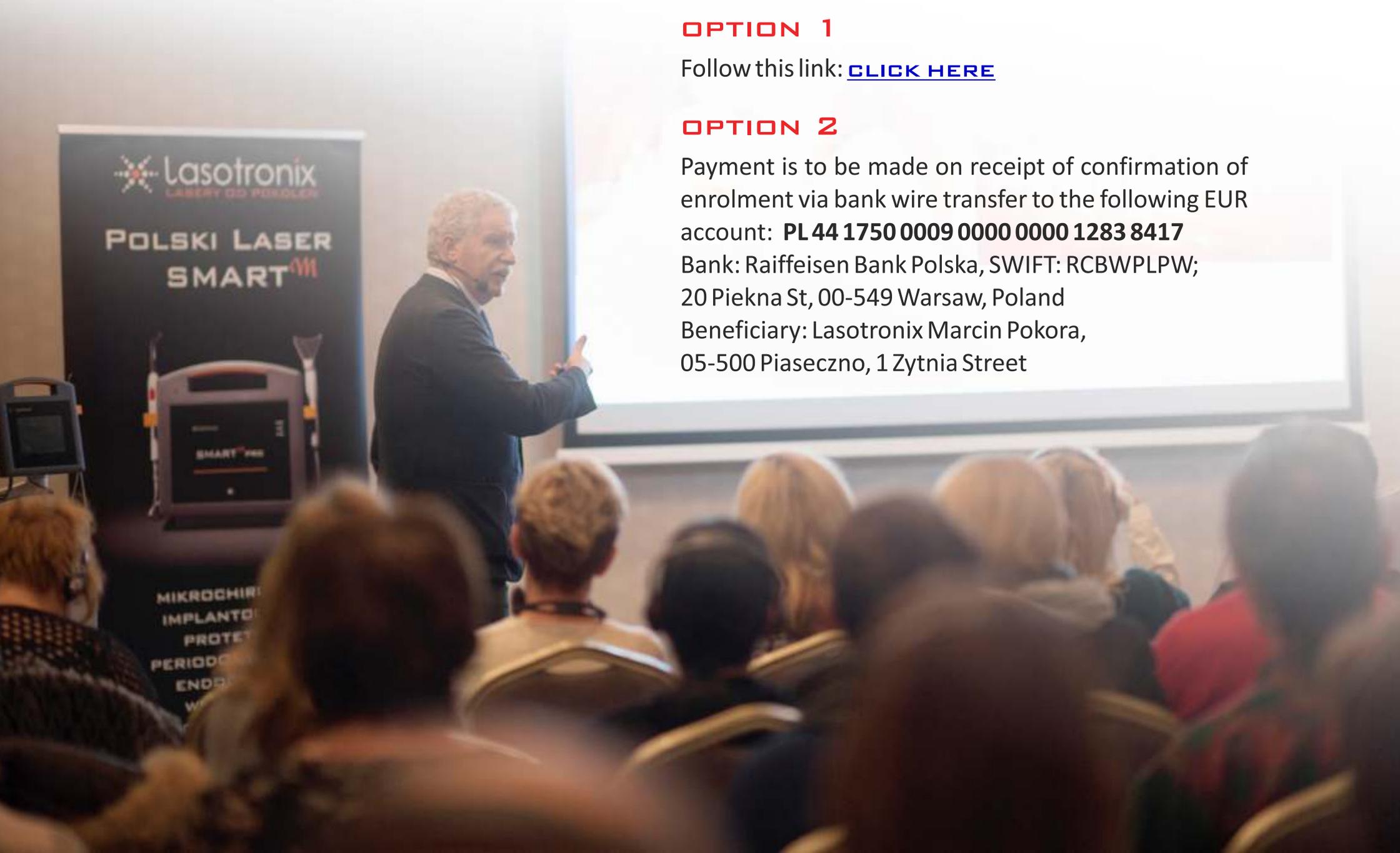
Follow this link: [CLICK HERE](#)

### OPTION 2

Payment is to be made on receipt of confirmation of enrolment via bank wire transfer to the following EUR account: **PL 44 1750 0009 0000 0000 1283 8417**

Bank: Raiffeisen Bank Polska, SWIFT: RCBWPLPW;  
20 Piekna St, 00-549 Warsaw, Poland

Beneficiary: Lasotronix Marcin Pokora,  
05-500 Piaseczno, 1 Zytnia Street



# ROME - SIGHTSEEING TIPS



We all know that Rome is one of the most beautiful cities in the world. Why not to discover its ancient architecture by night?



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