## E227 PROGRAM

# LASER EUROPE

### PORTO / Ø9.10.11 Portugal November

Organized by

Convened by



ANTÓNIO LÚCIO BAPTISTA (PT) ANTÓNIO LOBO (PT) ANA SOBRAL (PT) AMÉLIA ALMEIDA (PT) BRUNO PINTO GONÇALVES (PT) BELARMINO GONÇALVES (PT) CESAR ARROYO (ES) CARSTEN PHILIPP (DE) CLAUDIA VAN DER LUGT (NL) FERNANDO GUERRA (PT) HARRY MOSELY (UK) ISABEL O'NEIL GAIVÃO (PT) JULIE ROBINSON (UK) JOANA ESPIGA DE MACEDO (PT) JOÃO L. VILAÇA (PT) JOÁO VALE (PT) JOAQUIM GABRIEL (PT) JOSÉ MANUEL FERNANDES (PT) JÚLIO OLIVEIRA (PT) KATHRIN TRELLES (SP) KONSTADINOS SIOMOS (GR) LUIS CÔRTE-REAL (PT) LUÍS MONTEIRO (PT) LUÍS ARNAUT (PT) MÁRIO TRELLES (ES) MARIANO VELEZ (ES) MÁRIO VAZ (PT) MIGUEL GUIMARÁES (PT) NUNO RODRIGUES (PT) PAULA RAMÔA (PT) PAULO CORREIA (PT) PEDRO JORGE (PT) PEDRO ALBERTO SANTOS (PT) RAFAEL SERENA (ES) RENATO NATAL (PT) STANLEY BATCHELOR (UK) STEPHEN BOWN (UK) SERGE MORDON (FR) TIAGO COELHO (PT) TOM LISTER (UK) VASANT OSWAL (UK) VICTOR CAVADAS (PT) ZDENKO VIZINTIN (SI)

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ORGANIZING COMMITTEE

PAULA RAMÔA (PT)

DIRECTOR

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ANTÓNIO LÚCIO BAPTISTA (PT)

PRESIDENTS

### **9<sup>TH</sup> NOVEMBER - PROGRAM**

#### HOSPITAL LUSÍADAS PORTO

#### 08:30 - **REGISTRATION**

09:00 - 13:00 - <b>MASTERCLASS IN</b> LASER THERAPY Julie Robinson Stanley Batchelor Harry Moseley	Core of Knowledge represents a body of knowledge that underpins the safe use of lasers in clinical practice. It is intended to be undertaken by all staff using laser (class 3 and 4) and non-laser (IPL and LED) light sources in a range of applications, including medical, surgical, dental and aesthetic practices. Its aim is to provide users with an understanding of the basic principles of laser safety. After attending the course, each participant should understand:
Core of Knowledge Course Approved by British Medical Laser Association	<ul> <li>Basic principles of laser generation and review of laser/IPL technology</li> <li>Laser hazard classification</li> <li>Meaning of associated warning labels</li> <li>Principles of quality assurance</li> <li>Emission characteristics of different types of equipment</li> <li>Laser-tissue interaction mechanisms</li> <li>Penetration of light of different wavelengths through skin and eye</li> <li>Dangers of central versus peripheral retinal damage</li> <li>Hazards to eye and skin fromA accidental exposure</li> <li>The concept of Maximum Permissible Exposure and Nominal Ocular Hazard Distance</li> <li>Principles of risk assessment</li> <li>Laser safety management including the role of the Laser Protection Adviser,</li> <li>Laser Protection Supervisor, Local Rules and Controlled Area</li> <li>Risks associated with accidental reflections</li> <li>Personal protection measures including eye protection</li> <li>Hazards to the patient, e.g. endotracheal tube ignition</li> <li>Incidental hazards, including electrical, fire explosion and plume emission</li> <li>Relevant legislation, standards and guidelines</li> <li>How to deal with an adverse event or accidental exposure</li> </ul>
14:00 - 18:00 - <b>LIVE WORKSHOPS</b>	GYNECOLOGY AND UROLOGY         Cesar Arroyo   Paula Ramôa   Amélia Almeida   Pedro Brandão         AESTHETIC MEDICINE         Mário Trelles   João Vale   Pedro Alberto Santos         VASCULAR SURGERY AND PEDIATRICS         Paulo Correia   António Lúcio Baptista   Tiago Coelho   Carsten Philipp         BEAUTICIAN         António Conde   Carla Moreira

#### CENTRO HOSPITALAR DE SÃO JOÃO - PÓLO VALONGO / CESPU DENTAL MEDICINE UNIT

#### 14:00 - 18:00 - LIVE WORKSHOP DENTAL MEDICINE

Update on Laser Applications in Oral Surgery and Oral Medicine. Focus on laser treatment of oral leukoplakia, oral vascular lesions, and snoring.

Luis Monteiro | Luis Côrte-Real

### **10TH NOVEMBER - PROGRAM**

#### HOTEL CROWNE PLAZA

08:00 - **REGISTRATION** 

09:00 - WELCOME SPEECH

Mário Trelles | António Lúcio Baptista

SESSION 1 - MEDICAL LASERS OF THE FUTURE	LASER: THE CHALLENGE (09:10) António Lobo
Stephen Bown Luís Arnaut	LIGHT EMITTING FABRICS (LEF) FOR PHOTODYNAMIC THERAPY IN DERMATOLOGY (09:30) Serge Mordon
	OPTICAL FIBER TOOLS FOR MICRO MANIPULATION AND ANALYSIS OF SINGLE CELLS (09:50) Pedro Jorge
	DISCUSSION (10:10)
	COFFEE-BREAK AND VISIT TO EXHIBITORS (10:30)
SESSION 2 - MEDICAL AND SURGICAL LASER APPLICATIONS	AESTHETIC LASER INDICATIONS & COMBINED THERAPIES (11:00) Rafael Serena
Claudia Van der Lugt Victor Cavadas	<b>ER:YAG FACIAL RESURFACING OF DARK SKINS</b> (11:20) Mário Trelles
	<b>COMPLICATION IN LASER THERAPY</b> (11:40) Mariano Velez
	<b>A NON-INVASIVE LASER TREATMENT FOR SNORING - A NEW</b> <b>PARADIGM</b> (12:00) Luís Côrte-Real
	<b>VENOUS DISEASE TREATMENT - COMBINED TECHNIQUES</b> (12:20) António Lúcio Baptista
	DISCUSSION (12:40)
13:00 - 14:30 LUNCH AND VISIT	

### **10TH NOVEMBER - PROGRAM**

#### HOTEL CROWNE PLAZA

14:30 <b>OPENING CEREMONY</b>	<b>KEYNOTE LECTURE</b> Mário Trelles	
Mário Trelles   Paula Ramôa		
SESSION 3 - BIOLOGICAL FRON- TIERS FOR MEDICAL LASER APPLICATIONS	BIOLOGICAL LASER-TISSUE INTERACTIONS - NEW FRONTIERS IN PHOTOMEDICINE (15:30) Tom Lister	
Isabel O'Neil Gaiváo Rafael Serena Joaquim Gabriel	<b>TISSUE REGENERATION</b> (15:50) Paula Ramôa	
	<b>TATOOS</b> (16:10) Mário Trelles	
	DISCUSSION (16:30)	
	COFFEE-BREAK AND VISIT TO EXHIBITORS (16:45)	
SESSION 4 - CHALLENGES AND SOLUTIONS	NEW HORIZONS IN STRESS URINARY INCONTINENCE. VAGINAL AND INTRAURETHRAL LASER THERAPY (17:30) Zdenko Vizintin	
Mário Vaz Renato Natal	OCT IN PDT AND LASER TREATMENT FOR SKIN LESIONS. THE NEED FOR A NEW DEVICE (17:50) Carsten Philipp	
	<b>NEW HIGHLIGHTS OF OPHTALMOLOGICAL SURGERY</b> (18:10) Olga Baum	
	<b>LASER AND ROBOTICS</b> (18:30) António Lúcio Baptista   João L. Vilaça   Nuno Rodrigues	
OPEN LAB - AESTHETIC MED	DICINE POSTER PRESENTATION	
15:30 - <b>ROOM 1</b>	16:45 - <b>ROOM 2</b>	
Claudia Van der Lugt   Miguel Guimarãe	es   Orlando Monteiro Serge Mordon   Rafael Serena   Harry Moseley	

20:30 - CONGRESS DINNER

#### LE2017

## 11<sup>TH</sup> NOVEMBER - PROGRAM

#### HOTEL CROWNE PLAZA

09:00 - 11:00 - ELA EXECUTIVE MEETING / ROOM 1			
SESSION 5 - PHOTODYNAMICS AND CANCER / MAIN ROOM Joana Espiga de Macedo	PHOTODYNAMIC THERAPY IN CANCER DIAGNOSIS AND TREATMENT (09:00) Stephen Bown		
Serge Mordon Mário Vaz	<b>PDT IN NECK, HEAD AND ORAL C</b> Júlio Oliveira	CANCER (09:20)	
	<b>PDT IN HEPATIC DISEASES</b> (09:4 Belarmino Gonçalves	IO)	
	DISCUSSION (10:00)		
	COFFEE-BREAK AND VISIT TO E	<b>XHIBITORS</b> (10:20 - 10:50)	
SESSION 6 - TEACHING AND CERTIFICATION IN LASER AND PHOTONICS	<b>TEACHING AND CERTIFICATION IN LASER AND PHOTONICS -</b> <b>AN ANALYTIC OVERVIEW</b> (10:50) Vasant Oswal		
Miguel Guimaráes Orlando Monteiro António Lobo	<b>EUROPEAN FUNDING PROGRAMMES FOR HEALTH, RESEARCH AND</b> INNOVATION (11:30) José Manuel Fernandes		
	<b>DISCUSSION</b> (12:00)		
SESSION 7 - STATE OF THE ART OF LASER THERAPY IN MEDICINE	<b>GYNECOLOGY</b> (12:20) Amélia Almeida	<b>VASCULAR SURGERY (1</b> 3:00) Paulo Correia	
Ana Sobral Mário Trelles	<b>AESTHETIC MEDICINE</b> (12:30) Pedro Alberto Santos	<b>DERMATOLOGY (</b> 13:20) Luis Uva	
	<b>PEDIATRIC SURGERY</b> (12:40) Tiago Coelho	<b>DENTISTRY</b> (13:40) Luis Monteiro	
	<b>UROLOGY</b> (12:50) Victor Cavadas	DISCUSSION AND CLOSING SESSION (14:00)	



PLEASE NOTE THAT THE PROGRAM IS SUBJECT TO CHANGE AND WILL BE UPDATED CONTINUOSLY UP TO THE CONFERENCE



#### OFFICIAL SECRETARY

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