

2nd INTERNATIONAL CONGRESS OF LASERS IN DENTISTRY
in connection with the 8th CONFERENCE ON LASERS IN MEDICINE

LASER - THE LIGHT FOR EVERYDAY DENTISTRY

September 5th - 7th 2018, Constanta, Romania

CONGRESS FINAL PROGRAMME

-errata-

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CONFERENCE SPEAKERS AND LECTURES (in alphabetical order)

Adrian PODOLEANU	<i>Enabling ultra high axial resolution in performing optical coherence tomography</i>
Alessandro DEL VECCHIO	<i>Oral pain management by laser photobiomodulation. Neurological mechanisms and clinical applications</i>
Antoni ESPANA	<i>Er,Cr:YSGG laser and dentine bonding</i>
Benito CAPOBIANCO	<i>Outline of laser applications in conservative surgery and oral pathology</i>
Bogdan CRISAN	<i>Current considerations in the treatment of peri-implant diseases</i>
Carmen TODEA	<i>Keypoints in Laser Assisted Endodontic Treatment</i>
Chiang TAO	<i>The crucial factors for the implant healing</i>
Cosmin SINESCU	<i>Optoelectronic implications in dental impressions: new paradigms arrived</i>
Francesco Maria MANCONI	<i>Advanced Laser Technology in Modern Dentistry</i>
Josep ARNABAT	<i>Laser assisted endodontic surgery</i>
Lucia MOLDOVEANU	<i>Laser used for surgery and prosthetic treatments in daily practice</i>
Marina Consuelo VITALE	<i>Laser-assisted surgery in paediatric dentistry</i>
Meda-Lavinia NEGRUTIU	<i>Non invasive high quality imagistic evaluation of endodontic treatments</i>
Mihnea CONSTATIN	<i>Fotona laser – the power of the instrument in dentistry</i>
Samir NAMMOUR	<i>Surgical protocols for the management of oral Leukoplakia by means of laser beam. Analyze and limits.</i>
Umberto ROMEO	<i>The use of laser for surface and exophitic oral benign lesions</i>
Virgil DUMA	<i>2D scanning systems, patterns, and handheld probes for biomedical imaging</i>

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CONFERENCE PROGRAMME	
Wednesday, 05.09.2018	
09:00-10:00	Registration
10:00-11:30	Course of Laser Therapy in Dental Medicine - Module I The physics of laser
11:30-11:45	Coffee break
11:45 -13:15	Course of Laser Therapy in Dental Medicine - Module I Laser -tissue interaction
13:15-14:15	LUNCH BREAK
14:15 -15:45	Course of Laser Therapy in Dental Medicine - Module I Laser safety
15:45 -16:00	Coffee break
16:00-17:30	Course of Laser Therapy in Dental Medicine - Module I Applications of lasers in dental medicine
20:00 -22:00	Welcome cocktail for the new members of the Romanian Society of Lasers in Dentistry and for the Congress` sponsors
Thursday, 06.09.2018	
08:00 - 09:15	Registration
09:15 - 09:45	Opening ceremony of the Conference
09:45 - 10:00	Lasers in dentistry: past and future directions
10:00 - 11:20	PLENARY LECTURES SESSION CHAIRPERSONS: Prof. Carmen Todea, Prof. Antoni Espana

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	10:00	Plenary lecture Prof. Adrian PODOLEANU
	-	<i>Enabling ultra high axial resolution in performing optical coherence tomography</i>
	10:40	Plenary lecture Prof. Dr. Samir Nammour
	-	<i>Surgical protocols for the management of oral Leukoplakia by means of laser beam. Analyze and limits.</i>
	11:20	
11:20 - 11.40	Coffee break	
11:40 - 13:00	PLENARY LECTURES SESSION	
	CHAIRPERSONS: Prof. Josep Arnabat, Prof. Marina Vitale	
	11:40	Plenary lecture Prof. Dr .Umberto ROMEO
	-	<i>The use of laser for surface and exophitic oral benign lesions</i>
	12:20	Plenary lecture Lecturer Dr. Bogdan CRISAN
	-	<i>Current considerations in the treatment of peri-implant diseases</i>
	13:00	
13:00 - 15:00	LUNCH BREAK	
14:00 - 15:00	General assembly of the Romanian Society of Lasers in Dentistry	
15:00 - 16:20	PLENARY LECTURES SESSION	
	CHAIRPERSONS: Prof. Alessandro Del Vecchio, Lect. Mariana Miron	
	15:00	Plenary lecture Prof. Dr. Marina VITALE
	-	<i>Laser-assisted surgery in paediatric dentistry</i>
	15:40	
	15:40	Plenary lecture Lecturer Dr. Lucia Moldoveanu
	-	<i>Laser used for surgery and prosthetic treatments in daily practice</i>
	16:00	
	16:00	Plenary lecture dr. Francesco Maria MANCONI
	-	
	16:20	Advanced Laser Technology in Modern Dentistry

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16:20 - 16:35	Coffee break
16:30 - 18:30	HTP MEDICAL ELEXXION WORKSHOP (Bavaria Hall)
16:35 - 18:05	PLENARY LECTURES SESSION CHAIRPERSONS: Prof. Adrian Podoleanu, Lect. Lucia Moldoveanu
16:35 - 17:05	Plenary lecture Prof. Dr. Meda Lavinia NEGRUTIU <i>Non invasive high quality imagistic evaluation of endodontic treatments</i>
17:05 - 17:35	Plenary lecture Prof. Dr. Cosmin SINESCU <i>Optoelectornic implications in dental impressions: new paradigms arrived</i>
17:35 - 18:05	Plenary lecture Prof. Dr. Virgil DUMA <i>2D scanning systems, patterns, and handheld probes for biomedical imaging</i>
20:00 - 22:00	Opening cocktail (sponsored by HTP Medical) Bavaria Blu Hotel, Mamaia, Constanta
Friday, 07.09.2018	
09:00 - 09:30	Registration
09:30 - 10:50	PLENARY LECTURES SESSION CHAIRPERSONS: Prof. Samir Namour, Prof. Virgil Duma
09:30 - 10:10	Plenary lecture Prof. Dr. Chiang TAO <i>The crucial factors for the implant healing</i>
10:10 - 10:50	Plenary lecture Prof. Dr. Carmen TODEA <i>Keypoints in Laser Assisted Endodontic Treatment</i>
10:50 - 11:10	Coffee break

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11:10 - 13:10	PLENARY LECTURES SESSION CHAIRPERSONS: Prof. Umberto Romeo, Prof. Chiang Tao	
	11:10 - 11:50	Plenary lecture Prof. Dr. Josep ARNABAT <i>Laser assisted endodontic surgery</i>
	11:50 -12:30	Plenary lecture Prof. Dr. Antoni Espana <i>Er,Cr:YSGG laser and dentine bonding</i>
	12:30 - 13:10	Plenary lecture Prof. Dr. Alessandro del Vecchio <i>Oral pain management by laser photobiomodulation. Neurological mechanisms and clinical applications.</i>
13:10 - 15:00	LUNCH BREAK	
14:30 - 15:00	Pantheon Hall Dr. Benito CAPOBIANCO <i>Outline of laser applications in conservative surgery and oral pathology</i>	
15:00 - 16:00	POSTER SESSION CHAIRPERSONS: Prof. Carmen Todea, Prof. Samir Namour, Prof. Umberto Romeo	
	POSTER 1 Er-Yag laser interaction with dental hard tissue. Assessment of microdurity Stefan Chiscop*, Carmen Todea	
	POSTER 2 Alveolus bone regeneration after low laser therapy .Histological study Nica F. Diana Florina	
	POSTER 3 The influence of laser radiation on dental plaque. A systematic review. Daliana Mocuta*, Ruxandra Luca, Carmen Todea	

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	<p>POSTER 4 Laser - assisted apical resection versus conventional procedure . An “in vitro” study Bogdan Petrovici*, Carmen Todea</p>
	<p>POSTER 5 Decontamination of root canals with Er-Yag and Nd-Yag lasers - in vitro study - Delia Bogatu*, Daliana Mocuța, Cornelia Munteanu, Elena Hogeia , Carmen Todea</p>
	<p>POSTER 6 Debonding the veneers with laser Er Cr: YSGG (2780 nm).Study 3D CT (in vitro) Andreea Tudose</p>
	<p>POSTER 7 The effect of Photodynamic Therapy as an adjunct to SRP: a case report Ioana-Roxana Munteanu*, Carmen Todea, Luca Ruxandra Elena, Simina Boia</p>
	<p>POSTER 8 Characterization of the teeth structure for evaluation of the degree of demineralization by means of thermal analysis Moldoveanu Lucia-Elena, Vasile Monica*, Gezgin Senol, Meyer Markus, Vlachos Spyridon, Ciupina Victor</p>
15:00 - 17:00	GURSK FOTONA WORKSHOP (Bavaria Hall)
15:00 - 16:45	<p>Oral communications session / Clinical cases presentations (English / Romanian) CHAIRPERSONS: Prof. Cosmin Sinescu, Assist. prof. Ruxandra Luca</p>
15:00-15:15	<p>Antibacterial effect of laser assisted periodontal therapy – a case report Alin Alexandru ODOR</p>
15:15-	Using Lasers Er-Yag and Nd-Yag in different

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	15:30	clinical cases Delia Bogatu
	15:30- 15:45	Soft and hard tissue modulation by using Laser Er Cr YSGG 2780 nm Andreea Tudose
	15:45- 16:00	Frenectomy, pre-prosthetic work using the laser Moldoveanu Lucia-Elena
	16:00- 16:15	Use of complementary low-level laser therapy in orthodontic treatment Anca Oltean
	16:15- 16:30	Laser-Doppler Flowmetry Evaluation of Nd:YAG Laser Dentin Hypersensitivity Treatment Verona Arthur Dan*, Mariana Miron, Carmen Todea
	16:30- 16:45	Comparative study between 980 nm diode laser, radiofrequency, electrosurgery and scalpel in oral soft tissue surgery Iulia Pascal*, Mirel Diaconu, Ruxandra Luca, Carmen Todea, Cornel Igna, Larisa Adina Schuszler, Diana Argherie, Rodica Heredea
16:45 – 17:05	Plenary lecture dr Mihnea CONSTATIN <i>Fotona laser – the power of the instrument in dentistry</i>	
17:00 - 18:00	DENTOTAL PROTECT WORKSHOP (Bavaria Hall)	
18:30	CONFERENCE CLOSING CEREMONY	
20:30 - 23:00	Gala Dinner (sponsored by GURSK MEDICA) OVIDIU ISLAND	