

24th International Congress Laser Medicine & IALMS Courses

Laser Florence 2010

..... A gallery on the Laser Medicine World

For Researchers, Physicians, Surgeons, Biologists, Physical Therapists, Physics, Engineers

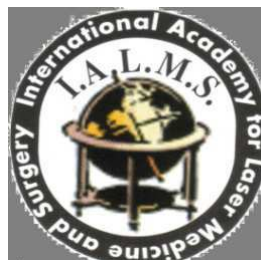


FLORENCE, November 5th – 6th , 2010

Program Chairperson L. Longo, MD

Organizing And Scientific Committee

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PROGRAM AT-A-GLANCE (STILL SUITABLE OF MODIFICATIONS)

November 5th, 2010

- **Plenary session** (G.D.Baxter, I. Kaplan, M.L. Pascu, S. Rochkind, S. Svanberg, K. Svanberg)
 - LASER ONCOLOGY - *Chairmen: S. Rockhind, K. Svanberg, A. Vaitkuviene*
 - PHOTODYNAMIC DIAGNOSIS AND THERAPY - *Chairmen: A. Hofstetter, H. Kato, A. Vaitkuviene*
 - LASER BIOMODULATION AND STEM CELLS **consensus conference** - *Chairmen: J. Anders, M. Herold, R. Lubart*
 - TALK POSTER SESSION *Chairmen : T. Dostalova, T. Lotti, B. Palmieri, K. Samoilova*
 - **19:15 Open Ceremony with Welcome Cocktail and leading lecture**
Provincia di Firenze, Palazzo Medici-Riccardi, Sala Luca Giordano
- Round table for the press: LASER AND LIGHT ON HUMAN BODY: THE STATE OF THE ART 50 YEARS AFTER –
Chairman: M. Medi, RAI Rome

November 6th, 2010

- LASER DENTISTRY *Chairmen: C. Fornaini, G. Lynn-Powell, A.L.B. Pinheiro*
- LASER ENT *Chairmen: J. Abtibol, V. Oswal, L. Wilden*
- LASER/LIGHT SKIN MEDICINE AND SURGERY - *Chairmen: A. Baruchin, K. Khatri, K. Russe- Wilflingseder*
- TRENDS IN BASIC AND APPLIED RESEARCH IN LASER BIOMEDICINE **proposal of guidelines**
Chairmen: S. Gonchukov, M.L. Pascu, J. Vaitkus
- *Workshop on Non surgical laser in ENT- L. Wilden*

18:00 IALMS General Assembly

21:00 Gala Dinner, Awards Assignment, Music show and Closure Ceremony

ORGANIZED BY

I.A.L.M.S. - The International Academy for Laser Medicine and Surgery

SPONSORED BY

I.S.L.S.M. - The International Society of Laser Surgery and Medicine

W.F.L.S.M.S. - The World Federation of Laser Surgery and Medicine Societies

I. P.T.A. - The International Photo Therapy Association

I.L.M. - Institute Laser Medicine Florence

W.F.L.D. – The World Federation Laser Dentistry

S.I.L.O. – Societa' Italiana Laser in Odontostomatologia

N.E.S.A. - The New European Surgical Academy

A.I.P. – The American Institute of Physics

UNDER THE HIGH PATRONAGE OF (incomplete)

The President of Italian Republic

Italian Health Office

Provincia di Firenze

Comune di Firenze

Florence Medical Association

Florence Convention Bureau

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- J. Vaitkus, PhD (Lithuania) - President, Lithuanian Physical Society, Vilnius University

EUROPEAN NETWORKS GENERATED BY LASER FLORENCE CONFERENCES

1997: Pulse light for vascular lesions, advantages and limits. Endovascular laser therapy for various veins. Indication and contraindications for Laser resurfacing procedures.

1998: mechanism of action, ant inflammatory and anti-edema effects of Laser. Advantages and limits for laser in dentistry. Types of laser recommended for treatment of telangiectases and reticular veins.

1999: Prostatectomy laser. Non surgical endovenous laser modulating the immune system. Advantages and limits of Laser and IPL as hair removal techniques.

2000: PDD and PDT for the treatment of gastrointestinal and urological cancers. Laser therapy for wound healing and skin ulcers. , stretch marks,scars, keloids. Laser and IPL in skin rejuvenation.

2001: Laser treatment for diabetes type 1 and 2 (live demonstration on patients during the congress, probably, for the first time in the world). Advantages and limits of pulsed light in aesthetic medicine and surgery. What kind of laser should be in rheumatology and sport traumas? Role of European Community and World Health Organization in these issues.

2002: Laser Treatment of disk Hernias. Laser and light treatment for Psoriasis and Vitiligo.

2003: Laser therapy for nervous cells regeneration, in vitro and experimental. Complications of laser and light therapy and their treatment. Selection of affordable instrumentation. Advantages and limits of laser in ophthalmology. Position of FDA and other International Institution on non surgical laser.

2004: laser therapy of spinal cord injuries in clinical practice; first diabetic patients treated with laser in Italy, following Helsinki declaration rules; news on mechanisms of ant inflammatory and regenerative effects of lasers on the human tissues; prostatectomy laser in day surgery; advantages and limits of endoluminal laser surgery of varicose veins ; laser coupled with radio frequency scalpel for skin lesion treatment. Laser treatment of progenitor cells.

2005: Cesarean incision with laser. Photodiyalisis laser for chronic degenerative conditions. Follow-up of laser therapy for diabetes. Laser therapy of traumatic spinal cord injuries. Action mechanism of laser beam on nervous tissue.

2006: Photoplethysmography multi laser in vascular diseases. News substances for PDT of lung cancer. Ant inflammatory and regenerative mechanisms of laser treatment of experimental myocardial infarct. News on Laser therapy in sport traumatology Radio protective effects of non surgical laser.

2007: Laser in stem cells therapy: preclinical phase. Laser therapy for traumatic and degenerative spinal cord injuries with live patients presentation. Follow-up of laser therapy in diabetes type 1 e 2. Laser therapy for female infertility. Laser vascular and aesthetic surgery. State-of-the art on laser dentistry and PDD/PDT.

2008: Laser in brain traumatic injuries; Laser therapy for male infertility. Laser and energetic medicine; laser and nervous progenitor cells.

2009: Guidelines for the use of non surgical lasers. Laser Diagnosis. Laser therapy for infertility. Laser and stem cells

2010: [we will see.....](#)

FINAL PROGRAM AT-A-GLANCE

PLENARY LECTURES

Room A - November 5th, 2010

G.D.Baxter, I. Kaplan, M.L. Pascu, S. Rochkind, S. Svanberg, K. Svanberg

08:45	WELCOME AND LASER HISTORY	I. Kaplan, MD, PhD <i>Professor Emeritus, Tel Aviv University</i>
09:15	GAS IN SCATTERING MEDIA ABSORPTION SPECTROSCOPY APPLIED TO BIOMEDICAL DIAGNOSTICS	Sune Svanberg, PhD Atomic Physics Division, Lund University and Lund Laser Centre - P.O. Box 118, SE-221 00 Lund, Sweden
09:45	IMPROVEMENT OF PHENOTHIAZINES EFFICIENCY ON MDR BACTERIA, AFTER EXPOSURE TO LASER RADIATION	M. L. Pascu¹, L. Amaral², V.Nastasa¹, A. Militaru¹, A. Smarandache¹ <i>¹National Institute for Laser, Plasma and Radiation Physics, Laser Dept, P.O. Box MG-36, Str. Atomistilor nr. 409, Magurele, Ilfov, Bucharest 077125, Romania.</i> <i>²Unit of Mycobacteriology and UPMM, Instituto de Higiene e Medicina Tropical, Univ. Nova de Lisboa, Lisbon, Portugal</i>
10:15	PHOTOTHERAPY IN PERIPHERAL NERVE INJURY FOR MUSCLE PRESERVATION AND NERVE REGENERATION	Shimon Rochkind, MD, PhD Division of Peripheral Nerve Reconstruction, Department of Neurosurgery, Tel Aviv Sourasky Medical Center, Tel Aviv University, Israel
10 :45	INFLUENCE OF TWO DIFFERENT FLUENCES ON LASER PHOTOBIMODULATION OF WOUND HEALING IN DIABETIC AND NONDIABETIC MICE	Philip V. Peplow, PhD^a, Tzu-Yun Chung BMedSc^a, G. David Baxter, DPhil^b <i>^aDepartment of Anatomy & Structural Biology, and ^bCentre for Physiotherapy Research, School of Physiotherapy, University of Otago, Dunedin, New Zealand</i>
11 :15	DIAGNOSTICS AND TREATMENT OF TUMOURS USING LASER TECHNIQUES	Katarina Svanberg Dept. of Oncology, Lund University Hospital, SE-221 85 Lund, Sweden and Lund University Medical Laser Centre, Lund University, S-221 85 Lund, Sweden; Katarina.Svanberg@med.lu.se

11:45: COFFEE -BREAK

LASER ONCOLOGY

Room A - November 5th, 2010

Chairmen: S. Rockhind, K. Svanberg, A. Vaitkuvieni

12:00	FLUORESCENCE SPECTROSCOPY AND PHOTODYNAMIC DIAGNOSTICS OF SKIN CANCER	Jurgita Liutkeviciute Navickiene, Laima Bloznelyte-Plesniene, Jonas Venius, Aleksandras Mordas, Laimute Rutkovskiene
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		Institute of Oncology, Vilnius University - Lithuania
12:15	FLUORESCENCE SPECTRAL COMPONENTS SIGNIFICANT FOR CERVICAL SMEAR PHOTODIAGNOSIS	A. Vaitkuviene¹, V. Gegzna^{1,2}, R. Kurtinaitiene³, J. Vaitkus¹ ¹ Institute of Applied Research, Vilnius University, Vilnius, Lithuania; ² Faculty of Natural Sciences, Vilnius University, Vilnius, Lithuania; ³ Santariskiu Klinikos, Vilnius University Hospital, Vilnius, Lithuania
12:30	FLUORESCENCE OF CERVICAL SMEAR MATERIAL FOR PHOTO DIAGNOSTICS	Vilmantas Gegzna, A. Vaitkuviene¹, R. Kurtinaitiene³, J. Vaitkus¹ ¹ Institute of Applied Research, Vilnius University, Vilnius, Lithuania; ³ Santariskiu Klinikos, Vilnius University Hospital, Vilnius, Lithuania
12:45	STAGE DETERMINATION OF BREAST CANCER BIOPSY USING RAMAN SPECTROSCOPY AND MULTIVARIATE ANALYSIS	Jose Luis Gonzalez, B. I. Aguiñaga-Serrano, J. C. Martínez-Espinosa, A. Ocegüera-Villanueva E. Díaz de León 1144, Paseo de la Montaña Lagos de Moreno 47460 Jalisco, Centro Universitario de los Lagos, Instituto Jalisciense de Cancerología, Universidad de Guadalajara – Mexico
13:00	NEW SYSTEMIC EFFECT OF PHOTOTHERAPY: THE APPEARANCE IN BLOOD OF PATIENTS WITH MALIGNANT TUMOR OF SOLUBLE FACTORS DOWNREGULATING PROLIFERATION OF TUMOR CELLS IN VITRO	Samoilova K, Zimin A. A., Zhevago N. A. Institute of Cytology, Russian Academy of Sciences, St Petersburg, Russia
13:15	PHOTODYNAMIC EFFECTS ON ACUTE MYELOID LEUKEMIA CELLS	M.H. El Batanouny Cairo University, Egypt

LASER BIOMODULATION

Room A - November 5th, 2010

Chairmen: J. Anders, M. Herold, R. Lubart

14:45	LIGHT THERAPY IMPROVES SURGICALLY REPAIRED PERIPHERAL NERVES	J.J. Anders, H. Moges, X. Wu, J. McCoy, S. Alberico, USUHS, Bethesda, MD, USA
15:00	VISIBLE LIGHT INDUCED REACTIVE OXYGEN SPECIES IN ISOLATED PLASMA MEMBRANES	Rachel Lubart, Michael Sinyakov, Rinat Ankri, Haim Breitbart and Ronit Lavi Bar-Ilan University, Ramat-Gan, Israel
15:15	EFFECT OF LOW LEVEL LASER IRRADIATION AND EPIDERMAL GROWTH FACTOR ON ADULT HUMAN ADIPOSE DERIVED STEM CELLS	¹B. Mvula, ²T. Moore and ²H. Abrahamse ¹ Ministry of Health, Malawi Government ² Laser Research Group, Faculty of Health Sciences, University of Johannesburg
15:30	EFFECTS OF LOW LEVEL LASER THERAPY ON STEM CELLS -OVERVIEW OF IN-VIVO AND IN-VITRO STUDIES	H. Tuby, L. Maltz, V. Sorin, A. Czerniak, G. Shefer and U. Oron Dept. of Zoology, Tel-Aviv Univ., Tel Aviv 69978, Israel.
15:45	LASER THERAPY OF CENTRAL NERVOUS SYSTEMS INJURIES: UPDATA	L. Longo, MD Siena University, School of General Surgery, Institute of Laser Medicine, Firenze, Italy
16:00	SOME EFFECTS OF LASER TISSUE BIOSTIMULATION	M.H. El Batanouny Cairo University, Egypt

16 :15	SOME BIOCHEMICAL MECHANISMS UNDERLYING LOW LEVEL LASER THERAPY IN CHRONIC LEG ULCERS	M.H. El Batanouny Cairo University
16 :30	LOW LEVEL LASER THERAPY AGAINST JOINT DISORDERS: AN OVERVIEW OF SYSTEMATIC REVIEW.	Yulia Efremova, Vaclav Navratil, Leos Navratil Czech Technical University in Prague, Faculty of Biomedical Engineering, Kladno – Czech Republic, Department of Medicine and Humanities
16 :45	PATIENT AMPLIFICATION OF THE SPONTANEOUS EFFECTS OF RADIATION (PASER): ITS RELEVANCE TO LLLT	M. Dyson, PhD Professor Emeritus, King's College of London
17 :00	SOFT LASER: A NEW GENERATION BEHIND THE CORNER ?	B. Palmieri, MD University of Modena, Medici School, Surgery Dept, Italy
17 :15	THE USE OF LOW REACTIVE LEVEL LASER THERAPY IN THE TREATMENT OF MYOFASCIAL TRIGGER POINTS: AN UPDATED CRITICAL REVIEW	Abdullah Al-Shenqiti¹, J Oldham² ¹ Rehabilitation Hosp. Madinah Al-Munawarah, S64 9WS Kingdom of Saudi Arabia ² Centre for Rehabilitation Science, University of Manchester
17 :30	LASER THERAPY IN RHEUMATOLOGY	M. Herold, MD Innsbruck Medical University, Dept of Internal Med. Rheumatology Unit, Anichstrasse 35, Austria
17 :45	LASER THERAPY OF DIABETES: NEW TOOL FOR LONGER TERM RESULTS	L. Longo, MD Siena University, School of General Surgery, Institute of Laser Medicine, Firenze, Italy

TALK POSTER SESSION, h 12:00 – 14:00

November 5th, 2010

Chairmen: T. Dostalova, T. Lotti, B. Palmieri, K. Samoilova

1	<i>SURGICAL TREATMENT OF LYMPHANGIOMAS WITH THE CARBON DIOXIDE LASER: TWO UNCOMMON CASES OF ORAL LESIONS.</i>	G. P. Soares, G. T. S. Aciole, J. M. S. Aciole, N. R. S. Santos, N. Santos, A. L. B. Pinheiro National Inst. of Optics and Photonics, University of São Paulo, Physics Inst. of São Carlos, São Carlos, Brazil Center of Biophotonics, School of Dentistry, Federal University of Bahia, Salvador BA, Brazil
2	EFFECT OF GAAS LASER AT 904 NM IN THE PAIN THRESHOLD IN TIBIA AND TOLERANCE IN DELTOID EVALUATED BY PRESSURE ALGOMETRY	Luiz Soares, S. K. Sato, F. Aimbire, L. M. Moreira, A. L. B. Pinheiro, L. G. P. Soares, L. Silveira Jr Center of Biophotonics, School of Dentistry, Federal University of Bahia, Salvador, BA, Brazil Biomedical Engineering Center, Universidade Camilo Castelo Branco, UNICASTELO, São José dos Campos, Brazil
3	EFFECTS OF LED PHOTOTHERAPY ON BONE DEFECTS GRAFTED WITH MTA IN A RODENT MODEL: A DESCRIPTION OF THE BONE REPAIR BY LIGHT MICROSCOPY	L.G.P. Soares, G.T.S. Aciole, J.M.S. Aciole, J.N. Santos, N.A. Correia, A.M.C. Marques, A.L.B. Pinheiro Center of Biophotonics, School of Dentistry, Federal University of Bahia, Salvador, BA, Brazil
4	TREATMENT OF HALITOSIS IN PATIENTS WITH CHRONIC CASEOUS TONSILLITIS USING CO2	¹Ana Cristina C. Dal Rio, DDS, PhD, ²C. A. C. Passos, MD, PhD, ³R. J. Gusmão, MD, PhD, ⁴E. M. D. Nicola, MD, PhD

	LASER FOR CRYPTOLISIS COAGULATION.	¹ Department of Otolaryngology–Head and Neck Surgery, State University of Campinas; ² Faculty of Medical Sciences- State University of Campinas - UNICAMP - Campinas, SP, Brazil ; ³ Professor of the ENT- Head and Neck Department, Faculty of Medical Sciences- State University of Campinas - UNICAMP - Campinas, SP, Brazil; ⁴ Professor of the ENT-Head and Neck Dept, - Medical School State University of Campinas – UNICAMP, Brazil
5	MORPHO-STRUCTURAL EFFECTS CAUSED BY 660NM LASER DIODE IN EPIMASTIGOTES FORMS OF <i>TRYPANOSOMA CRUZI</i> : IN VITRO STUDY	A. F. S. Barbosa, L. G. P. Soares, J. M. S. Aciole, G. T. S. Aciole, I. R. Pitta, S. L. Galdino, A. L. B. Pinheiro Center of Biophotonics, School of Dentistry, Federal Univ.of Bahia
6	EVALUATION OF PHOTODYNAMIC ANTIMICROBIAL THERAPY (PACT) AGAINST TRYPOMASTIGOTES OF <i>TRYPANOSOMA CRUZI</i> : IN VITRO STUDY	A. F. S. Barbosa, L. G. P. Soares, J. M. S. Aciole, G. T. S. Aciole, I. R. Pitta, S. L. Galdino, A. L. B. Pinheiro Center of Biophotonics, School of Dentistry, Federal University of Bahia, Salvador, BA, Brazil
7	PHOTOBLEACHING DETECTION OF ENDOGENOUS PPIX: A REAL TIME EXPERIMENTAL STUDY	Edmyr R. Reis¹, MSc, PhD, J.H. Nicola², MD, PhD, E.M.D. Nicola³, MD, PhD ¹ Laser Laboratory, Medicine and Surgery Experimental Center- Faculty of Medical Sciences, Campinas ² Physics Institute, - Unicamp (In Memorium) ³ ENT Department, Head of Laser Laboratory of Medicine and Surgery Experimental Center; State University of Campinas – UNICAMP; Head of the Multidisciplinary Laser Center; Clinics Hospital, State Univ. of Campinas, UNICAMP, Brazil
8	FOLLOW UP OF HISTOLOGICAL ALTERATIONS IN HARDERIAN GLAND OF WISTAR RATS SUBMITTED TO PHOTODYNAMIC THERAPY WITH HeNe LASER	Edmyr R. Reis², K. Metz², MD. Ph.D.; E.M.D. Nicola³, MD, PhD ¹ Laser Laboratory, Med. and Surg. Experimental Center- Fac. of Med. Sci.Campinas ² Pathologist., Full Professor of the Dept of Patology. Coordinator of the Pathology Laboratory, Med. and Surg- Exp.I Center, - Faculty of Medical Sci. State Univ. of Campinas, UNICAMP Campinas, SP, Brazil ³ Otorhinolaryngologist, Full Professor of the ENT Department; - Head of Laser Laboratory of Medicine and Surgery Experimental Center; - Coordinator of Post Graduation at ENT Department; - Faculty of Medicine; - State University of Campinas – UNICAMP; - Head of the Multidisciplinary Laser Center; - Clinics Hospital, State Univ. of Campinas, UNICAMP, Campinas, SP, Brazil.
9	NATIVE FLUORESCENCE SPECTROMETRY AS NON-INVASIVE METHOD TO FOLLOW THE EVOLUTION OF ORAL CAVITY HEMANGIOMAS TREATED WITH CO2 LASER.	Ester M. D. Nicola¹, A.R.D. Yacoub², R.C. Fiorotti², A.C. Dal Rio Department of Otolaryngology Head and Neck Surgery; Faculty of Medical Science,Campinas ¹ Graduation Student, Faculty of Medical Sciences - State University of Campinas – UNICAMP - Campinas, SP, Brazil. ² Graduation Student, Faculty of Medical Sciences, State University of Campinas, UNICAMP - Campinas, SP, Brazil.
10	BONE REPAIR ON FRACTURES TREATED WITH OSTEOSYNTHESIS, IR LASER, BONE GRAFT AND GUIDED BONE REGENERATION: HISTOMORFOMETRIC STUDY	Jouber Mateus Aciole, G. T. S. Aciole, L. G. P. Soares, A. F. S. Barbosa, J. N. Santos, A. L. B. Pinheiro, PhD Center of Biophotonics, School of Dentistry, Federal University of Bahia
11	LASER PHOTOTHERAPY AS MODALITY OF CLINICAL TREATMENT IN BELL'S PALSY?	Aparecida Marques, L. G. P. Soares, R. C. Marques, A. L. B. Pinheiro Center of Biophotonics, School of Dentistry, Federal University of

		Bahia, Salvador, BA, Brazil
12	THE EFFECT OF PHOTODYNAMIC THERAPY IN PERIODONTAL DISEASE: A CASE REPORT	Héctor Martínez Arizpe, ITAV* , Dulce Ma. Olvera Mazariegos, ITAV* , Arcelia Meléndez Ocampo** *Instituto de Tecnología Avanzada Monterrey, ** FO SP, UNAM, Mexico
13	ONCOLOGICAL SAFETY OF LOW POWER VISIBLE AND NEAR IR LIGHT IN LABORATORY ANIMALS WITH TRANSPLANTED TUMORS	Nickolay Knyazev, Samoilova K. A. Institute of Cytology, Russian Academy of Sciences, St. Petersburg, Russia
14	STABILITY CHARACTERIZATION OF QUINAZOLINE DERIVATIVE BG1188 BY OPTICAL METHODS	Andra Militaru¹, Adriana Smarandache¹, Abdallah Mahamoud², Victor Damian¹, Nicoleta Popescu-Pogrión³, Sandrine Alibert², Florin Vasiliu³, JeanMarie Pagès², Mihail-Lucian Pascu¹ ¹ National Institute for Lasers, Plasma, and Radiation Physics, P.O. Box MG-36, str. Atomistilor 409, Magurele, Romania ² UMR-MD1, Facultés de Méd. et de Pharmacie, Univ, de la Méditerranée, IFR88, Marseille, France ³ National Inst. of Material Physics, , Magurele, Romania
15	LEUKOPLAKIA OF ORAL CAVITY: CO ₂ LASER TREATMENT.	¹B.S. Bellini, DDS, MSc, ¹Ana Cristina C. Dal Rio, DDS, PhD ¹R.C. Fiorotti, ²D.H.Z. Baldin MSc, ³E.M.D. Nicola, MD, PhD ¹ Dept of Otolaryngology and Multidisciplinary Laser Center; University of Campina UNICAMP - Campinas, SP, Brazil. ² Nurse of the Multidisciplinary Laser Unit at Clinic Hospital - Faculty of Medical Sciences - State University of Campinas – UNICAMP - Campinas, SP, Brazil ³ ENT Department; - Head of Laser Laboratory of Medicine and Surgery Experimental Center; - Coordinator of Post Graduation at ENT Department; - Faculty of Medicine; - State University of Campinas – UNICAMP; - Head of the Multidisciplinary Laser Center; - Clinics Hospital, State University of Campinas, UNICAMP, Campinas, SP, Brazil
16	THE USE OF CO ₂ LASER IN LABIAL FRENECTOMY AND ITS RELATIONS WITH ORTHODONTIC DISFUNCTIONS	Ester Nicola.C. Fiorotti¹; B.S. Bellini¹; A.C. Dal Rio¹; D.H.Z. Baldin² Department of Otolaryngology–Head and Neck Surgery State University of Campinas - Brazil
17	ER: YAG LASER DEVICE WITH AUTOMATIC FOCAL POINT DETECTION FOR TAKING BLOOD SAMPLES	L. Ponce, M. Arronte, T. Flores, J. Cabrera, A. Pena Carretera Tampico Puerto, Altamira Tamaulipas
18	LIBS SPECTROMETER FOR ELEMENTAL DETERMINATION IN HUMAN SKIN	L. Ponce, T. Flores, A. Peña, M. Arronte, E. de Posada, E. Rodriguez Carretera Tampico Puerto, Altamira Tamaulipas
19	DEBONDING OF SPECIAL BRACKET WITH TM:YAP MICROCHIP LASER	<u>Tatjana Dostálová¹, Helena Jelínková², Jan Šulc¹, Michal Němec¹, Martin Fibrich¹, Michal Jelínek¹, Petr Koranda¹, Pavel Michalík¹, Mitsunobu Miyagi³</u> ¹ Charles University, 2nd Medical Faculty, Department of Paediatric Stomatology, Vvvalu 84, 150 06 Prague 5, Czech Republic tatjana.dostalova@fnmotol.cz ² Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering, Břehová 7, 115 19 Prague 1, Czech Republic helena.jelinkova@troja.fjfi.cvut.cz ³ Sendai National College of Technology,4-16-1 Ayashi Chuo, Aoba-ku, Sendai, 989-3128, Japan mmiyagi@cc.sendai-ct.ac.jp
20	ND:YAG MICROCHIPS FOR OPHTHALMOLOGY APPLICATION	<u>Helena Jelínková¹, Jan Šulc¹, Jiří Pašta², Karel Nejezchleb³, Václav Škoda³</u>

		<p>¹Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering, Břehová 7, 115 19 Prague 1, Czech Republic</p> <p>²Central Military Hospital, Clinic of Ophthalmology, 169 02 Prague 6, Czech Rep.</p> <p>³Crytur, Ltd. Turnov, Palackého 175, 511 01 Turnov, Czech Republic</p>
21	PHOTOMODULATED BIOADHESIVE AND ENHANCED WOUND REPAIR	<p>H. Marcal, Tania Ahmed, Stephen F. Badylak & Leslie J.R. Foster*</p> <p>The University of New South Wales, McGowan Institute for Regenerative Medicine, Univ. of Pittsburgh, Pittsburgh, USA</p>

PHOTODYNAMIC DIAGNOSIS AND THERAPY

Room B – November 5th, 2010

Chairmen: A. Hofstetter, H. Kato, B. K. Rau

15 :00	OUTCOME OF PHOTODYNAMIC THERAPY USING NPE6 FOR BRONCHOGENIC CARCINOMAS IN CENTRAL AIRWAYS MORE THAN 1.0 CM IN DIAMETER	<p>Jitsuo Usuda, Harubumi Kato, Norihiko Ikeda</p> <p>Tokyo Medical University, Thoracic Surgery Dept, Tokyo, Japan</p>
15 :15	PHOTODYNAMIC THERAPY OF PROSTATE CANCER	<p>A.Hofstetter, MD, PhD</p> <p>Former Director, Urology Inst., Munich University</p>
15 :30	USE OF PHOTODYNAMIC THERAPY (PDT) AGAINST VASCULAR STENOSIS	<p>M.H. El Batanouny</p> <p>Cairo University, Egypt</p>
15 :45	THE PDT TOOLS: LIGHT SOURCES AND ASSOCIATED DEVICES. HOW TO USE THEM SO AS TO IMPROVE THERAPEUTIC RESULTS ?	<p>Didier Boucher</p> <p>Axcan Pharma, Houdan, France</p>
16 :00	STRESS IMPOSED BY DARKNESS AND RESTRICTIVE DIET AS INDUCTOR OF PORPHYRIASIS: <i>EXPERIMENTAL STUDY WITH WISTAR RATS</i>	<p>Ester M.D. Nicola¹ MD, PhD, W.R. Hernandez², MSc, PhD E.R. Reis³ MSc, PhD, J.H. Nicola⁴, MSc, PhD</p> <p>¹Full Prof. of the ENT Dept; Head of Laser Lab of Med and Surg, Fac. of Medicine, State Univ. of Campinas, UNICAMP, Brazil</p> <p>²Alfenas University MG, Brazil; ³ Biologist MSc, PhD,. Researcher of the Laser Laboratory, State University of Campinas, UNICAMP, Campinas;</p> <p>⁴Full Professor Physics Institute- Unicamp (In Memorium)</p>
16 :15	COMPARATIVE STUDY OF PHOTOTOXICITY OF PROTOPORPHYRIN IX FROM <i>RATTUS NOVERGICUS ALBINUS</i> AND ITS PHOTOPRODUCTS TOWARDS MELANOMA B16F-10 CELLS	<p>Edmyr R. Reis¹, MSc, PhD, A. Almeida², Phy, A Nomizo³, BCh, PhD, E.M.D. Nicola⁴, MD, PhD, I. Borissevitch⁵. MSc. PhD</p> <p>¹Laser Laboratory, Experimental Med and Surg Center, Faculty of Med Sciences Campinas</p> <p>² Photobiofísica Lab, Dept of Physics & Mathematics, Univ. of São Paulo (USP), Ribeirao Preto</p> <p>³Lab. of Pharmacy; Univ. of São Paulo (USP), Ribeirao Preto, Brazil</p> <p>⁴ Full Prof. of the ENT Dept; Head of Laser Lab of Med and Surg, Fac. of Medicine, State Univ. of Campinas, UNICAMP</p> <p>⁵ Full Professor Photobiofísica Lab, Dept of Physics and Mathematics, Faculty of Philosophy, Sciences and Letters of Ribeirão Preto, University of</p>

		São Paulo (USP), Ribeirão Preto, Brazil
16 :30	CHITOSAN ADHESIVE FILMS FOR PHOTOCHEMICAL TISSUE BONDING	A. Lauto¹, D. Mawad², M. Barton¹, S.C. Piller¹ and L. Longo³ ¹ University of Western Sydney, Sydney, Australia. ² IPRI- University of Wollongong, Wollongong, Australia. ³ School of Medicine, University of Siena, Siena, Italy
16 :45	PHOTODYNAMIC ANTIMICROBIAL THERAPY IN DENTISTRY	Aparecida Marques, J.N. Santos, A.L.B .Pinheiro Center of Biophotonics, School of Dentistry, Federal University of Bahia, Salvador, BA, Brazil
17:00	MULTIFUNCTION ALA PRODRUG FOR PDT OF MULTI DRUG RESISTANT BREAST CANCER CELLS	Tamar Feuerstein, G. Berkovitch and Z. Malik Bar-Ilan University, 318 Nahal-Shilo st. 44839 Revava, Israel

LASER DENTISTRY

Room A – November 6th, 2010

Chairmen: C. Fornaini, G. Lynn-Powell, A. L. B. Pinheiro

9:00	ADVANCES AND PERSPECTIVES ON TISSUE REPAIR AND HEALING	Antonio L. B. Pinheiro, PhD, M.Dent.Sci,DDS, Aparecida Maria Cordeiro Marques, PhD Center of Biophotonics, School of Dentistry, Federal University of Bahia, Oral and Maxillofacial Surgery, Brazil
9:15	IMPLANT UNCOVERING THROUGH DIODE, ND:YAG, ER.YAG AND KTP LASERS. AN <i>IN VITRO</i> COMPARATIVE ANALYSIS.	Meleti M, Merigo E, Antonietti W, Leoci L, Fornaini C, Vescovi P. Oral medicine and laser-assisted oral surgery, Section of Dentistry – Department of Head and Neck Sciences European Master Degree on Oral Laser Applications – EMDOLA - Università degli Studi di Parma
9:30	TREATMENT OF LOW-FLOW TONGUE LESIONS BY DIODE LASER- INTRALESIONAL PHOTOCOAGULATION (ILP)	A . Saafan, Ph.D. Dental Unit, The National Institute of Laser Enhanced Sciences (N.I.L.E.S.), Cairo - Egypt
9 :45	NATIVE FLUORESCENCE OF ORAL CAVITY: EARLY DIAGNOSIS AND TREATMENT	Ester M.D. Nicola, , MD, PhD Dep.Otolaryngology,Head and Neck Surgery- Faculty of Medical Sciences, Campinas, Brazil
10:00	CO ₂ LASER AS A CONSERVATIVE SURGICAL TREATMENT FOR GINGIVAL OVERGROWTH: DENTAL REALIGNMENT AND HALITOSIS REDUCTION	Ana Cristina C Dal Rio¹ ,DDS, PhD , B. S. Bellini², DDS, MSc, E. M. D. Nicola³, MD, PhD ¹ Dept of Otolaryngology and Multidisciplinary Laser Center, Clinics Hospital - Faculty of Medical Sciences - State Univ. of Campinas – UNICAMP - Campinas, SP, Brazil. ² Full Prof.of the ENT Dept; Head of Laser Laboratory of Med. and Surg.Experimental Center Faculty of Medicine; - State Univ. of Campinas – UNICAMP; ³ Head of the Multidisciplinary Laser Center; Clinics Hospital, State University of Campinas
10 :15	THE EFFICACY OF A LOW LEVEL LASER THERAPY AS AN ADJUNCT IN PERIODONTAL THERAPY IN DIABETICS	Radmila Obradović, Mh.D., Ljiljana Kesić, Ph.D. Department of Periodontology and Oral Medicine, Medical Faculty, University of Niš, Serbia.
10 :30	COMPARISION OF THE EFFICACY OF PHOTODYNAMIC THERAPY VERSUS	Héctor Martínez Arizpe, ITAV*, Dulce Ma. Olvera Mazariegos, ITAV*, Arcelia Meléndez Ocampo**

	PIT AND FISSURE SEALANTS MEASURED WITH A LASER FLOURESCENCE DEVICE: A CASE STUDY OF 21 PATIENTS	*Instituto de Tecnología Avanzada Monterrey, ** FO SP, UNAM, Mexico
10 :45	USE OF COMPLEX THERAPY IN THE TREATMENT OF FUNCTION DISORDERS OF TEMPOROMANDIBULAR JOINT	Petra Hlinakova¹, Vaclav Navratil², Eliska Blaskova³, Tatjana Dostalova¹, Leos Navratil⁴ ¹ Charles Univ. in Prague, Second Faculty of Medicine, <u>Dept of Pediatrics Stomatology</u> ² Czech Technical University in Prague, Faculty of Biomedical Engineering, Department of Medicine and Humanities, Czech Republic ³ Health care institutions THERAP-TILIA, Dept of Physiotherapy, Prague, Czech Republic ⁴ Charles University in Prague, First Faculty of Medicine, Institute of Biophysics and Informatics, Czech Republic
11 :00	COFFEE - BREAK	
11 :30	BACTERICIDAL EFFECT OF ND:YAG LASER ON <i>STAPHYLOCOCCUS AUREUS</i> AND <i>ACTINOMYCES ISRAELII</i> : PRELIMINARY RESULTS	Vescovi P¹, Merigo E¹, Conti S², Ciociola T², Fornaini C¹, Manfredi M¹, Rocca J-P³, Nammour S⁴ ¹ Oral Medicine and Laser-Assisted Surg. Unit- Univ. of Parma ² Section of Microbiology- University of Parma ³ Univ. of Nice-Sophia Antipolis (F), Dentistry Fac, Teleo Lab. - France ⁴ School of Dentistry – University of Liège- Belgium
11 :45	DO PARAMETERS OF IRRADIATION INFLUENCES THE APICAL SEALING OF ER:YAG LASER APICETOMIES?	A. M.C. Marques¹, J.N. Santos², A.L.B.Pinheiro^{1,3,4} ¹ Center of Biophotonics, School of Dentistry, Federal Univ. of Bahia, Salvador, BA, Brazil ² Lab. of Surgical Pathology, School of Dentistry, Federal Univ. of Bahia, Salvador, BA, Brazil ³ Inst. Nacional de Ciência e Tecnologia de Óptica e Fotônica, São Carlos, SP, Brazil ⁴ Univ. Camilo Castelo Branco, São José dos Campos, SP, Brazil
12 :00	SURGICAL Er:YAG LASER ASSISTED TREATMENT OF BRONJ (BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAW)	Merigo E¹, Vescovi P¹, Manfredi M¹, Meleti M¹, Guidotti R¹, Fornaini C¹, Rocca J-P², Nammour S³ ¹ University of Parma, Faculty of Medicine, Dental School; ² University of Nice-Sophia Antipolis; ³ University of Liège
12 :15	INTRAORAL LASER WELDING (ILW) BY Nd:YAG FIBBER-DELIVERED DEVICE	Fornaini C¹, Passaretti F¹, Villa E¹, Rocca JP², Vescovi P¹, Merigo E¹, Nammour S³ ¹ University of Parma, Faculty of Medicine, Dental School; ² University of Nice-Sophia Antipolis; ³ University of Liège
12 :30	ER:YAG UTILISATION IN CONSERVATIVE DENTISTRY: STATISTICAL STUDY ON PATIENT'S SATISFACTION	Riceputi V, Rocca JP, Lupi-Pegurier L, Fornaini C University of Nice-Sophia Antipolis (F), Faculty of Dentistry, Teleo Laboratory
12 :45	THERMAL INCREASE EVALUATION IN ORAL BONE AND MUCOSA DURING Nd:YAG LASER APPLICATIONS	Vescovi P¹, Merigo E¹, Fornaini C¹, Rocca JP², Nammour S³ ¹ Oral Med. and Laser-Assisted Surg. Unit- University of Parma ² Univ. of Nice-Sophia Antipolis (F), Faculty of Dentistry, Teleo Lab. - France ³ School of Dentistry – University of Liège- Belgium
13 :00	FLUORESCENCE DIAGNOSTICS OF DENTAL DISEASES	S.A. Gonchukov, PhD (Russia) - Moscow State Engineering Physics Institute, Moscow, Russia
13 :15	PERIODONTAL BONE BIOSTIMULATION and LLLT	Rozana Vieru New York University, Dental College, Cariology And Comprehensive Care

WORKSHOP ON NON SURGICAL LASER IN ENT

Room B - November 6th, 2010, h 9:00 – 11:00

L. Wilden

LASER ENT

Room B - November 6th, 2010

Chairmen: J. Abtibol, V. Oswal, L. Wilden

11 :30	LASER IN ENT TODAY	J. Abtibol, MD Paris, France
11 :45	TRANSORAL LASER MANAGEMENT OF LARYNGOMALACIA	Vasant Oswal¹, Sachin Gandhi² ¹ Far Shirby Upleatham, Redcar TS11 8AG Cleveland James Cook University Hospital, Middlesbrough, UK ² Deenanath Mangeshkar Hospital, Pune, India
12 :00	THE DIFFERENT RESPONS OF THE MAIN SYMPTOMS OF INNER EAR EXHAUSTION TO A SPECIFIC HIGH DOSAGE LOW LEVEL LASERTHERAPY	L. Wilden Private Office for Low Level Lasertherapie, Bad Füssing, Germany, info@dr-wilden.de
12 :15	THE ABSORPTION BEHAVIOUR OF OXYGEN AND THE MITOCHONDRIAL ENERGY TRANSFER – THE IMPORTANCE OF ELECTROMAGNETIC RADIATION (LIGHT)	L. Wilden Private Office for Low Level Lasertherapie, Bad Füssing, Germany, info@dr-wilden.de
12 :30	LASER UVULOPALATOPHARYNGEOPLASTY VERSUS LASER PARTIAL MUCOSAL PALATAL EXCISION AS SURGICAL TREATMENT OF SIMPLE AND OBSTRUCTIVE SNORING	Khalid Mohamed Bofares, Ass. Professor Otorhinolaryngology Dept., Omar Almoukhtar Univ., Elbyda, Libya
12 :45	LASER, OHS, IEC, NOHA, OD, MPE, AEL, PD, LSO, LSC, HCLS, HCP, LGAC, LCA, CW, PRR, VLT,SHOULD AND SHALLS.....	Penny J. Smalley, R.N., CMLSO Technology Concepts International Chicago, Illinois, USA
13 :00	CLEARING THE AIR IN SURGERY: HAZARDS, RISKS, SOLUTIONS AND STANDARDS	Penny J. Smalley, R.N., CMLSO Technology Concepts International Chicago, Illinois, USA

LASER SKIN MEDICINE AND SURGERY

Room A – November 6th, 2010

Chairmen: A. Baruchin, K. Khatri, K. Russe- Wilflingseder

14 :45	WIDE DIFFERENCES IN THE ESTIMATION OF COST IN ENDOVENOUS LASER THERAPY FOR VARICOSE VEINS	CR Lattimer¹, S Piper², E Kalodiki¹, E Shawish¹,G Geroulakos¹ ¹ Vascular Surgery, Ealing Hospital & Imperial College, London, UK
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		² Department of Information & Performance, Ealing Hospital, Middlesex, UK
15 :00	STUDY OF COMMERCIAL GRADE AETOXISCLEROL BY OPTICAL MEANS, IN VIEW OF ITS USE IN VARICOSE VEIN TREATMENT	<u>Adriana Smarandache</u>¹,M. Trelles²,J. Moreno-Moraga³ and M.L.Pascu ² ¹ National Institute for Laser, Plasma and Radiation Physics, Laser Dept, P.O.Box MG-36, Bucharest ² Instituto Médico Vilafortuny/FUNDACION ANTONI DE GIMBERNAT, Cambrils ³ Instituto Médico Láser, Madrid
15 :15	EVALUATION OF A NOVEL ERBIUM:YAG FRACTIONAL LASER, DERMASCULPT™ TO TREAT THE EFFECTS OF PHOTOAGING	<u>K. Khatri, D. Mahoney, ARNP, M. McCartney, PA-C, L. Hakam, MD</u> Skin & Laser Surg. Center of New England, NASHUA, MA, USA
15 :30	LASER VAGINAL REJUVENATION	<u>Khalil Khatri, M. McCartney, PA-C, D. Mahoney, ARNP, L. Hakam, MD</u> Skin & Laser Surgery Center of New England, Nashua, MA, USA
15 :45	LASER THERAPY FOR MENOPAUSE	<u>Brinzan D., Lucian Paiusan</u> Hospital of Obstetrics & Gynecology, Arad, Romania
16:00	NEW LASER TECHNOLOGY FOR TREATMENT OF VASCULAR, PIGMENTED AND NON-PIGMENTED LESIONS ON THE BASE OF YELLOW LASER 578 NM.	<u>Ponomarev Igor, ²S.V. Klyucharyova</u> ¹ P.N. Lebedev Physics Institute, Leninsky prospect, 53 ² Department of Dermatology, Venereology and Pathological Anatomy of the St. Petersburg State Medical Acad. named after I.I. Mechnikov, St. Petersburg, Russia
16 :15	A NEW TECHNOLOGY TO TREAT CELLULITE: COMBINING SUPERFICIAL AND DEEPER PENETRATING RADIAL ACOUSTIC WAVES.	<u>Katharina Russe-Wilflingseder; Elisabeth Russe,</u> Plastische Chirurgie und Laserzentrum Innsbruck, Austria
16 :30	SUCCESSFUL BODYCONTOURING BY LASERLIPOLYSIS	<u>Katharina Russe-Wilflingseder; Elisabeth Russe,</u> Plastische Chirurgie und Laserzentrum Innsbruck, Austria
16 :45	MEDICAL FACELIFTS BY CHEMICAL MYOPLASTY , MYOTENSION AND MYOPEXY (ENDOPEEL TECHNIQUES)	<u>Alain Tenenbaum, MD, PhD, DSc</u> Lugano Breganzona, Switzerland
17 :00	LASER SURGERY IN INFECTED PATIENTS	<u>A. Santos Dias, MD</u> Senior Medical Officer, Johannesburg Hosp.,South Africa Dept of Surg, Univ.of Coimbra, Portugal.Private Hosp, Lisbon
17 :15	PHOTOREJUVENATION BY CO ₂ FRACTIONAL LASER FOR PHOTOAGING	<u>Lucia Conti, MD</u> University of Florence, Dermatology Institute
17 :30	THERMAL DAMAGE MODELING FOR INVESTIGATION THE ROLE OF HAIR DENSITY IN LASER HAIR REMOVAL	<u>Afshan Shirkavand¹,Saeed Sarkar² PhD, Leila Ataie-Fashtami³MD, Mohammad Reza Alinaghizadeh⁴ MSc,</u> ¹ Laser lab, RCSTIM, imam Khomeini hospital Tehran; ² Res. Center for Science and Technology in Med. (RCSTIM), Tehran University of Medical Sciences; ³ Iranian center for medical lasers (ICML), Acad. Center for Education, Culture and Research (ACECR); ⁴ Noor Medical Imaging Center
17 :45	INTENSE PULSED LIGHT (IPL) IN AESTHETIC DERMATOLOGY	<u>⁰Barbara Pytrus ¹Piotr Drozdowski, MD, PhD , ²Krzysztof Zub, MD</u> ⁰ Easthetic and Clinical Dermatology Center PLATINIUM ¹ Wrocław Medical University - Dept of Plastic Surgery. Head: Piotr Wójcicki, M.D., Ph.D. ² Wrocław Medical University - Dept of Otolaryngology

		,Head and Neck Surgery – Poland piotr_drozdowski@wp.pl
18 :00	EFFECTIVENESS OF CO ₂ LASER IN THE TREATMENT OF PLANTAR WARTS: EXPERIENCE GAINED DURING 10 YEARS	Ohad Baruchin, MD^{1,2} & Abraham M. Baruchin MD¹ ¹ Laser Unit, Barzilai Univ.Medical Center, Ashkelon, Israel ² Dept of Ob/Gyn, Assaf Harofeh Univ. Medical Center, Zerifin.Israel

TRENDS IN BASIC AND APPLIED RESEARCH IN LASER BIOMEDICINE proposal of guidelines

Room B – November 6th , 2010

Chairmen: S. Gonchukov, M. Pascu, J. Vaitkus

15 :00	CHANGES IN GSH/GSSG IN MICE AFTER THERAPEUTIC LASER IRRADIATION AND GAMMA IRRADIATION	Freitinger Skalicka Zuzana¹, Racek Jaroslav⁴, Navratil Vaclav², Zadinova Marie³, Hon Zdenek², Navratil Leos² ¹ University of South Bohemia, Faculty of Health and Social Studies, Dept. of Radiology and Toxicology, Ceske Budejovice – Czech Republic; ² Czech Technical University in Prague, Faculty of Biomedical Engineering, Kladno – Czech Republic; ³ Charles University in Prague, First Faculty of Medicine, Prague - Czech Republic; ⁴ Charles University in Prague, Faculty of Medicine in Pilsen, Pilsen - Czech Republic
15 :15	<i>NON-CONTACT LASER-BASED HUMAN RESPIRATION RATE MEASUREMENT</i>	L. Scalise, P. Marchionni, I. Ercoli, E.P. Tomasini. Dept. Of Mechanics, Polytechnic University of Marche, Ancona, ITALY
15 :30	<i>REJECTION OF ERRONEOUS SATURATION DATA IN OPTICAL PULSEOXIMETRY AND SaO₂ VARIABILITY IN NEWBORN PATIENTS</i>	¹L.Scalise, ¹P.Marchionni, V.P. Carnielli ². ¹ Dept. Of Mechanics, Polytechnic University of Marche, Ancona, ITALY ² Neonatal Intensive Care Unit, Women's and Children Hospital "G.Sales", Polytechnic University of Marche, Ancona, ITALY
15 :45	POSSIBLE APPLICATIONS OF NOBLE METALLIC NANOPARTICLES IN LASER MEDICINE – ANALYSIS AND COMPARISON OF OPTICAL PROPERTIES	Victor Pustovalov, L.G. Astafyeva¹, V.P. Zharov² Belarusian National Technical University - Minsk ¹ Institute of physics National Academy of Sciences of Belarus, pr. Independence 68, 220072 Minsk, Belarus; ² University of Arkansas for Medical Sciences, 4301 W. Markham, Little Rock, AR 72205, USA
16 :00	SELECTION OF THE PROPERTIES OF ABSORBING NANOPARTICLES FOR LASER APPLICATIONS IN CANCER NANOTECHNOLOGY ON THE BASE OF THERMOOPTICAL ANALYSIS	V. Pustovalov, L.G. Astafyeva¹, V.P. Zharov² Belarusian National Technical University - Minsk ¹ Stepanov Inst. of Physics, pr. Independence 68, 220072 Minsk, Belarus . ² University of Arkansas for Medical Sciences, 4301 W. Markham, Little Rock, AR 72205, USA
16 :15	INVESTIGATION OF SPINAL DISC HERNIA TISSUE AUTOFLUORESCENCE SPECTRUM	Darius Varanius¹, G. Terbetas², J.Vaitkus¹, A. Vaitkuvienė¹ ¹ Institute of Applied Research, Vilnius University, Lithuania ² Clinics of Neurology and Neurosurgery, Vilnius University, Lithuania
16 :30	NON LINEAR LASER IMAGING OF TISSUES	F. Pavone, PhD Head of the Biophotonics Group, European Laboratory for Non Linear Spectroscopy, University of Florence, Italy

18:15 – ROOM A - IALMS GENERAL ASSEMBLY AND AWARDS NOMINATION

21:00 – GALA DINNER, WITH CLOSURE CEREMONY, AWARDS ASSIGNATION AND MUSIC SHOW

Laser Florence 2010 is the annual Congress of the International Academy Laser Medicine and Surgery. This year 2010 is the fifty birthday of Laser born and we would like to celebrate it with a special edition.

As usual researchers and doctors will show new data immediately available for practical use, in different topics: Dentistry, Dermatology, Neurology, Rehabilitation and Sport Injuries, .ENT, Phlebology, Plastic Surgery, Photodynamic Diagnosis and Therapy, Diabetology.

A special session will be dedicated to role of laser beams and light in Energetic Medicine, called now Quantum Medicine and Regenerative Medicine.

In fact, in the world there is a bit of confusion between data obtained from evidence based medicine and scientific data controlled experimentally.

The International Academy ensures a high quality of the lectures and posters presented. The accepted abstracts are published in the official journal of the IALMS, *Laser in Medical Science*, published by Springer Publisher, London. The Proceedings of the Conference will be published immediately after the event, on paper and on line, by the American Institute of Physics. The IALMS members can look up the slides of the Conference in the member area at the web site www.ialms.com.

In according with the WFSLMS - World Federation Societies of Laser Medicine and Surgery, the IALMS will present an International Master on Laser Medicine and Surgery, with duration of 1 year. Laser Florence will be the annual adjournment for the International Medical Laser Specialists.

The aim of Laser Florence organisers is always the same: to establish an outstanding interaction between the delegates in a unique location and an unforgettable atmosphere where friendship, intelligence and scientific know-how are blended.

Several awards are available for the presenters of the best papers and posters and the recipients will be invited to participate in the next conference of Laser Florence.

To fully understand the importance of Laser Florence, there is only one way, coming here!

Looking forward to seeing you in Florence

Best regards

Leonardo Longo, M.D.