

I.S.L.S.M. - INTERNATIONAL SOCIETY LASER SURGERY AND MEDICINE
I.A.L.M.S. - INTERNATIONAL ACADEMY LASER MEDICINE AND SURGERY

17th ISLSM & 22th IALMS

International Congress Laser Medicine
with Pre-Conference Courses

Laser Florence 2007

.....The Laser Medicine World

**Medicine and Surgery, Biology, Veterinary, Optics, Physics,
Engineering**



FLORENCE, November 8th - 10th, 2007

VILLA VIVIANI Convention Center
Viale G. D'Annunzio, 230

Program Chairperson L. Longo, MD

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Scientific (Organizing) Secretariat:

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Laser Florence 2007 is a momentous occasion bringing together the scientific community of the International Academy Laser Medicine and Surgery, the youngest professional organisation, and The International Society for Laser Surgery and Medicine, the oldest scientific body in the world of laser technology.

Furthermore, The International Phototherapy Association and the World Federation of the Laser Surgery and Medicine Societies would also be joining in, thus making Laser Florence 2007 not merely "a window", but the "WORLD" of the laser technology itself.. As usual, Laser Florence Conference and Courses aim to enhance the knowledge in the Laser Medicine and Surgery and also the electro-optics applied in this field. All members of the scientific world are called upon to cooperate in this work where some forty countries are expected to participate. A number of other Institutions have collaborated in Laser 2007 and many young doctors will participate in the exchange of the experience of the pioneers and scientists from many countries, cultures race and religion of the five continents .

Pre-conference Courses will train the beginners and introduce them to the Laser World. 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 journal and SPIE Publisher will also publish the Proceedings of the Conference. The IALMS members can look up the slides of the Conference in the member area at the site www.ialms.com .

The aim of Laser Florence organisers is always the same: to establish of 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 participate in the next conference of Laser Florence.

To fully understand the importance of laser Florence, 2007, there is only one way, visit the website!

Looking forward to see you here in Florence

Leonardo Longo

FINAL PROGRAM AT-A-GLANCE

November 8th, 2007

- **Plenary session: LASER SURGERY AND SAFETY**
Break
- ***New on Laser Surgery***
- ***Laser Diabetology and Metabolic Diseases***
Light lunch - ISLMS Executive Committee Assembly in Villa Viviani
- ***Laser Rehabilitation and Sport Medicine***
- ***Laser Orthopedics and Neurosurgery***
19:30 – Open Ceremony

November 9th, 2007

- **Plenary session: LASER AND LIGHT BIOMODULATION on Stem Cells and Fertility**
Break
- ***Optoelectronic and biomedical applications***
- ***Workshop organized by Lin-line Ltd:***
PHOTO DESTRUCTION OF TATTOO DYE and DARK SKIN LASER HAIR REMOVAL
Light lunch - IALMS Executive Committee Assembly
- ***New on Laser/Light Skin and Vascular Medicine and Surgery***
20:30 - Typical Italian Dinner

November 10th, 2007

- **Plenary session: LASER PHOTODINAMIC DIAGNOSIS AND THERAPY**
Break
- ***Laser PDD/ PDT***
- ***Talk Poster session***
Light lunch - WFSLMS Executive Committee Assembly
- ***New on Laser Dentistry***
- ***ENT symposium and Stensen commemoration***

Room A – 17:30 IALMS and ISLSM General Assembly, Conclusion and assignation of the Awards

21:00 Gala Dinner with Music show and Closure Ceremony

PLENARY SESSION
LASER SURGERY AND SAFETY

Room A - November 8th, 2007

Chairmen:

K. Atsumi, MD, PhD (J) - Professor Emeritus, Tokyo University
I. Kaplan, MD, PhD (Israel) – Professor Emeritus, Tel Aviv University
W. Waidelich, PhSc (D) – Professor Emeritus, Munchen University

9:00	Welcome	W. Waidelich, PhD Professor Emeritus, Munich University
9:10	PRESENT POSITION AND FUTURE TRENDS ON LASER SURGERY IN THE GLOBAL PROGRESS OF SCIENCE & TECHNOLOGY	Kazuhiko Atsumi, MD, PhD Professor Emeritus, Tokyo University
9:40	LASER SURGERY NOW	Isaac Kaplan, MD, PhD Professor Emeritus, Tel Aviv University
10:10	LASER IN UROLOGY: FACTS-NEWS-FUTURE	R. Waidelich, MD, W. Waidelich, PhD Faculty of Physics, University of Munich Munich, Germany
10:30	LASER SAFETY	Penny Smalley, TN Technology Concept International, Chicago
10:45	C.O.S.T. projects today	Kalliopi Kostelidou Director, COST Commission, European Community, Brussels, Belgium

11:00 COFFEE-BREAK

NEW ON LASER SURGERY

Room A - November 8th, 2007

Chairmen:

K. Kobus, MD, PhD (PL) - Head, Plastic Surgery Institute, Wroclaw University
B.K. Rau, MD (India) - Sri Ramachandra Medical College, Chennai (Madras)
Jin Wang Kim, MD, PhD (Korea) - Hallym Univ College of Medicine, Seoul

11:15	TOTAL TIROYDECTOMY WITH LASER	N. Mortellaro, MD Gen. Surg. Institute, Catania University
11:30	INDICATIONS FOR A LASER ASSISTED CESAREAN SECTION	Gabriel E. De Peña, M.D. Laser Cosmeto-Gynecology and Obstetrics Institute Alma Mater Esq. Bolivar, Hospiten Santo Domingo Santo Domingo, Dominican Republic
11:45	COSMETICS IN OBSTETRICS COMPARATIVE STUDY, REJUVENATING LASER ASSISTED VAGINAL DELIVERY (LAASOG SYSTEM), VS VAGINAL DELIVERY WITH EPISTOTOMY	Gabriel E. De Pena, M. Martinez Laser Cosmeto-Ginecology and Obstetrics Institute Alma Mater Esq. Bolivar, Hospiten Santo Domingo, Dominican Republic
12:00	LASER-INDUCED ENHANCEMENT OF CANCER CELL SENSITIVITY TO CYTOSTATIC AGENTS	Georgi Grasczew¹, J. Smith², S. Rakowsky¹, T.A. Roelofs¹, P.M. Schlag¹ and U. Stein³ ¹ Surgical Research Unit OP 2000, Max-Delbrueck-Center for Molecular Medicine and Robert-Roessle-Klinik, Charité - University Medicine Berlin, Germany ² Max-Delbrueck- Center for Molecular Medicine, Berlin, Germany ³ Tumor metastasis and response prediction group, Dept. Surgical Oncology, Robert-Roessle-Klinik, Charité - University Medicine Berlin, and Max-Delbrueck-Center for Molecular Medicine, Germany
12:15	POSSIBLE USE OF GOLD NANOPARTICLES FOR LASER TREATMENT OF INTRAOCULAR AND SKIN TUMORS	Victor Pustovalov, PhD, *Benedikt Jean, PhD, *Jens Einighammer, DSci, **Vladimir Zharov, PhD Belarusian Institute of System Analysis Pr. Pobediteley, 7 Minsk 220004

		Belarus *Univ. Eye Hosp. Tuebingen, Germany; **Univ. of Arkansas for Medical Sci., Little Rock, USA
12 :30	NOVEL APPLICATIONS OF ER: YAG LASER ENDOSCOPIC FIBER DELIVERY SYSTEM IN MAXILLOFACIAL SURGERY: ER: YAG LASER FOR SIALOLITHOTRIPSY	Oded Nahlieli DMD¹ , Abe M.Baruchin MD² ¹ Professor and chairman, Department of Oral & Maxillofacial Surgery, Barzilai Medical Center Ashkelon, Israel. ² Professor, Chief of the Laser Unit, Barzilai Medical Center Ashkelon, Israel.
12 :45	NOVEL APPLICATIONS OF ER: YAG LASER ENDOSCOPIC FIBER DELIVERY SYSTEM IN MAXILLOFACIAL SURGERY PART TWO: LASER OSTEOTOMY IN ORBITAL BLOWOUT FRACTURES SURGERY	Oded Nahlieli DMD¹ , Abe M.Baruchin MD² ¹ Professor and chairman, Department of Oral & Maxillofacial Surgery, Barzilai Medical Center Ashkelon, Israel. ² Professor, Chief of the Laser Unit, Barzilai Medical Center Ashkelon, Israel.
13 :00	LASER PROFILOPLASTY : CRANIOMAXILLOFACIAL SURGERY & RHINOPLASTY IN ASIANS	Jin Wang Kim Md, Phd¹ ,Joung Ok Lee Md,Phd² Seoul, Korea- Hallym Univ. College Of Medicine Dept. Of Plastic Surgery ¹ & Dermatology ²
13 :15	EFFECTIVENESS OF ENDOVASCULAR OBLITERATION GSV	L.Veverková, J. Konečný, M. Kábela, J. Kalač, I. Čapov, 1st Surgical Department St. Anna's Faculty of Medicine Hospital, Masaryk University, Brno, Czech Republic

13:30 - Light lunch - ISLMS Executive Committee Assembly in Villa Viviani

LASER DIABETOLOGY AND METABOLIC DISEASES

Room B– November 8th , 2007

Chairmen:

LL. Gasparyan, PhD (Fin) – Emred Oy, Helsinki, Finland

A. Makela, MD (Fin) - Aber Institute, Helsinki, Finland

K. Samoilova, PhD (Russia) - Institute of Cytology of the Russian Academy of Sciences

11:30	WHY THE SAME LASER PROTOCOLS CAN HAVE DIFFERENT CLINICAL RESULTS	Gasparyan, L. EMRED OY, Helsinki, Finland
11 :45	WHY THE SAME LASER PROTOCOLS CAN HAVE DIFFERENT CLINICAL RESULTS IN THE TREATMENT OF DIABETES – A REVIEW	Makela, A. ABER Institute, Helsinki, Finland
12 :00	CLINICAL OBSERVATIONS ON EFFECTS OF LASER LIGHT ON BLOOD GLUCOSE LEVELS IN DIABETICS	Makela A.M. ABER Institute, Helsinki, Finland - anu@emred.fi
12:15	VISIBLE LIGHT ENHANCES SKIN MICROCIRCULATION BY ACTIVATION OF NITRIC OXIDE (NO) SYNTHESIS. I. HEALTHY VOLUNTEERS	K.A. Samoilova¹, N.A. Zhevago¹, N.N. Petrishchev², A.A. Zimin¹ ¹ Cytology Inst.of the Russian Acad. of Sciences, ² St. Petersburg I.P. Pavlov State Medical University, St. Petersburg, Russia
12:30	VISIBLE LIGHT ENHANCES SKIN MICROCIRCULATION BY ACTIVATION OF NITRIC OXIDE (NO) SYNTHESIS. II. DIABETIC PATIENT	K.A.Samoilova¹, N.A. Zhevago¹, M.A. Menshutina², N.B. Grigorieva¹ ¹ Cytology Inst.of the Russian Acad. of Sciences, ² St. Petersburg I.P. Pavlov State Medical University, St. Petersburg, Russia
12:45	DIABETES AND LASER IN ITALY: SOME YEARS OF EXPERIENCE	L. Longo, MD Institute Laser Medicine, Siena University, Firenze - Italy
13:00	APPLICATION OF GREEN 532 NM LASER IRRADIATION OF BLOOD FOR CONTROL OF GLYCEMIA OF PATIENTS WITH DIABETES	Kaplan M.¹, Gasparyan L.², Makela A.³ 1. Medical Radiological Research Center of Russian Academy of Medical Sciences, Obninsk, Russia 2. EMRED Oy, Helsinki, Finland 3. ABER Institute, Helsinki, Finland
13 :15	VISIBLE LIGHT ILLUMINATION GENERATES REACTIVE OXYGEN SPECIES IN MITOCHONDRIA AND PLASMA MEMBRANES	R. Lavi, R. Ankri, M. Sinyakov, H. Friedmann, A. Shainberg, H. Breitbart J. Jacobi and Rachel Lubart Bar-Ilan University, Ramat-Gan, Israel

LASER REHABILITATION AND SPORT MEDICINE

Room A - November 8th

Charmen

Y. Asagai, MD (J) – IPTA President, Suwa University

A. Lauto, PhD (AUS) – UNSW , University of New South Wales, Sidney

Chiyuki Shiroto, MD, PhD (J) - Shiroto Clinic,Goshogawara City

15:00	LLLT FOR CHILDREN WITH SPASTIC CEREBRAL PALSY	Yoshimi Asagai, MD, PhD Handicapped Children Hospital Suwa 6525-1 Shimosuwa Suwagun Nagano Shimosuwa Nagano 393-0093 Suwa, Japan
15 :15	EXTENDED EXPERIENCE IN DIODE LASER THERAPY(LLLT) FOR PAIN ATTENUATION	Chiyuki Shiroto¹, MD,PhD, Takashi Umeda², MD ¹ Shiroto Clinic,Goshogawara City ² Department of Social Medicine, Hirosaki University, Aomori, Japan
15 :30	LASER THERAPY IN THE TREATMENT OF ACHILLES TENDINOPATHY: A PILOT STUDY	¹S. Tumilty, MPhty, ¹J. Munn. PhD, ¹H. Abbott, PhD, ²S. M^oDonough,PhD, ³D. A. Hurley, PhD ¹G. David Baxter, DPhil ¹ Centre for Physiotherapy Research, School of Physiotherapy,University of Otago, Dunedin, New Zealand ² University of Ulster,Newtownabbey,Co Antrim,Northern Ireland ³ University College Dublin, Belfield,Dublin,Republic of Ireland
15:45	EFFECT OF GALLIUM ALUMINUM ARSENIDE (GAL-AL-AR) TOGETHER WITH EXERCISE ON THE PAIN OF KNEE OSTEOARTHRITIS (KO)	H.Morshedi * , H.Farahini **,F.Reazi *** *Faculty Of Health And Paramedical Sciences, **Qazvin University Of Medical Sciences , ***Shahid – Bahonar BIV. Qazvin 349759811 Iran
16:00	NEW ASPECTS OF WOUND HEALING	Lipovsky A, Lubart R, Ankri R, Nitzan Y, Landoy Z, Jacobi J Faculty of Life Sciences and the Department of Chemistry . Bar-Ilan University, Ramat-Gan 52900, Isr
16 :15	ESTIMATION OF LOW-ENERGY-LASER LIGHT PENETRATION DEPTH IN BIOLOGICAL TISSUE	Rinat Ankri, Rachel Lubart,Haim Taitelbaum. Department of Chemistry and Physics, Bar-Ilan university, Ramat-Gan, Israel
16 :30	LOW LEVEL LASER THERAPY FOR MASTALGIA	Kimito Yamada, A. Ogata, S. Komatsu, D. Ohta, H. Kaise, N. Kohno, H. Kato Department of Breast Oncology, First Department of Surgery, Tokyo Medical University, Tokyo, Japan
16:45	NEWS ON LASER THERAPY OF TRAUMATIC AND DEGENERATIVE SPINAL CORD INJURIES	L. Longo,MD Institute Laser Medicine, Siena University Firenze - Italy
17 :00	INTERVIEW WITH SOME PATIENTS	

19:30 – Open Ceremony with Welcome Cocktail

ORTHOPEDICS

Room B - November 8th, 2007

Chairmen:

M. D'Ovidio, MD (Italy) – Rome University

P.P.M. Menchetti, MD, FRCS (Italy) - Orthopaedic Surgeon, Professor Florence University

L. Navratil, MD, PhD (Czech Rep) - Univ.South Bohemia, Fac Health, Ceske Budejovice

15:00	PERCUTANEOUS LASER DISC DECOMPRESSION ON PEDIATRIC PATIENT. CASE REPORT.	G.Terbetas* , K.Saniukas** ; G.Posiunas** ; Prof. E.Jarzemskas* *- Vilnius University Emergency Hospital, Vilnius, Lithuania **-Vilnius University Children Hospital, Vilnius, Lithuania
15:15	PERCUTANEOUS LASER DISCECTOMY. MULTICENTRIC STUDY AT 4 YEARS FOLLOW UP.	P.P.M. Menchetti, MD,FRCS , L. Longo, MD° , W. Bini, MD, FRCS°° , G. Canero, MD°°° Orthopaedic Surgeon, Professor Florence Univ.– Italy;° Professor Siena Univ. – Italy;°° Neurosurgeon, Professor, Seligenstadt - Germany °°° Orthopaedic Surgeon, San Feliciano Hospital, Rome – Italy
15:30	PERCUTANEOUS LASER DISCECTOMY. A PROSPECTIVE RANDOMIZED STUDY versus RADIO FREQUENCY DISC THERMAL ABLATION	P.P.M. Menchetti, MD, FRCS , L. Longo, MD° , W. Bini, MD, FRCS°° , G. Canero, MD°°° Orthopaedic Surgeon, Professor Florence Univ.– Italy;° Professor Siena Univ. – Italy; °° Neurosurgeon, Professor, Seligenstadt - Germany °°° Orthopaedic Surgeon, San Feliciano Hospital, Rome – Italy
15:45	PERCUTANEOUS LASER DISCECTOMY IN THORACIC DISC HERNIATION	P. P. M. Menchetti, MD,FRCS , G. Canero, MD° , W. Bini, MD, FRCS°° Orthopaedic Surgeon, Professor Florence University – Italy ° Orthopaedic Surgeon, San Feliciano Hospital, Rome – Italy °° Neurosurgeon, Professor, Seligenstadt – Germany
16:00	Luminescence characterization of degenerative disc disease level	A. Kozlovskaja¹ , D. Varanius¹ , G. Terbetas² , A. Vaitkuvienė³ and G. Kurilčik³ ¹ Dept. Biophysics & Biochemistry, Vilnius University, Vilnius, ² Vilnius University Emergency Hospital, Vilnius, Lithuania ³ Institute of Materials Science and Applied Research, Vilnius University, Vilnius, Lithuania
16:15	POSSIBILITIES OF PHYSICAL TREATMENT OF VERTEBROGENIC ALGIC SYNDROME AS A PART OF RSI	³Navratil Vaclav , ²Hajkova Simona, Mgr. , ¹Navratil Leos, MD,PhD , ^{1,3}Beránek Ladislav, Ing, PhD, MBA ¹ University of South Bohemia, Faculty of Health and Social Studies, Dept. of Radiology and Toxicology, Ceske Budejovice, Czech Rep. ² Medical Center THERAP-TILIA Ltd, Prague, Czech Rep. ³ University of South Bohemia, Pedagogical Faculty, Ceske Budejovice, Czech Rep. Matice skolske 17, 370 01 Ceske Budejovice, Czech Rep.

19:30 – Open Ceremony with Welcome Cocktail

PLENARY SESSION

LASER AND LIGHT BIOMODULATION

Room A - November 9th, 2007

Chairmen:

J.J. Anders, BiD, PhD (USA) - Anatom /Cell Biol. Dept, Uniformed Serv. Univ., Bethesda

G.D. Baxter, TD, BSc, DPhil, MCSP (GB) – Dean, Otago Univ.(NZ),Sch.Health Sci Ulster

R. Lubart, BiD, PhD (ISR) – Biology Dept, Bar-Ilan University, Ramat-Gan

9:00	DOSE AND INTENSITY DEPENDENT EFFECTS ON NORMAL HUMAN NEURAL PROGENITOR CELLS USING 810-NM LOW POWER LASER	J.J. Anders* ; T. Romanczyk* ; H. Moges* ; I. Ilev** ; R. Waynant** ; L.Longo*** *USUHS, Bethesda, USA **CDRH, FDA, Rockville USA ***University of Siena, I.L.M. Firenze, Italy
9:20	LASER-ACTIVATED BIOADHESIVE WITH	Marçal H.¹ , Lauto A.¹ , Badyłak S.F.² , Sellaro T.L.² , Mackay-Sim A.⁴ ,

	DECELLULARIZED TISSUE SCAFFOLDS AND OLFACTORY ENSHEATHING CELLS MAY ENHANCE REPAIR AND REGENERATION OF INJURED SPINAL CORDS	Mahler S.³, Foster J. ¹ ¹ Bioengineering Center, School of Biotechnology and Biomolecular Sciences University of New South Wales, Sydney, Australia; ² McGowan Institute for Regenerative Medicine, University of Pittsburgh, 100 Technology Dr, Pittsburgh, PA 15219,PA, USA.; ³ Australian Institute for Bioengineering and Nanotechnology, University of Queensland, Brisbane, QLD, Australia; ⁴ National Adult stem cell Institute, Griffith University, Brisbane, QLD, Australia
9 :40	A NOVEL STRATEGY FOR THE REPAIR OF CHRONICALLY INJURED SPINAL CORDS: LIGHT IN COMBINATION WITH LASER PRINTED OLFACTORY ENSHEATHING CELLS	¹Anders J.J., ¹Wu X., ²Othon C.M., ²Ringeisen B.R. ¹ USUHS, Bethesda, MD, USA; ² NRL, Washington, D.C., USA
10 :00	IMPLANTATION OF LOW-LEVEL LASER IRRADIATED MESENCHYMAL STEM CELLS INTO THE INFARCTED RAT HEART IS ASSOCIATED WITH REDUCTION IN INFARCT SIZE	Hana Tuby, Lidya Maltz and Uri Oron Department of Zoology, The George S. Wise Faculty of Life Sciences, Tel-Aviv University, Tel-Aviv, 69978, Israel.
10 :20	LOW LEVEL LASER THERAPY AND PHOTOTHERAPY ASSISTED HYDROGEL DRESSING IN BURN WOUND HEALING: WITH AID OF EARLY WOUND RECOVERY AND AESTHETIC AND FUNCTIONAL POINT OF VIEW-LIGHT GUIDED EPITHELIAL STEM CELL BIOMODULATION, SYNERGIC WOUND HEALING EFFECT WITH LESS CONTAMINATION: CASE CONTROL STUDY	Jin Wang Kim MD,PhD ¹ Joung Ok Lee MD,PhD² Hallym Univ. College of Medicine Dept of Plastic Surgery ¹ & Dermatology ² Seoul, Korea
10 :40	LLL T FOR THE FEMALE INFERTILITY IN JAPAN	Toshio Ohshiro¹, Shunji Fujii², Takafumi Ohshiro², Katsumi Sasaki², Yuki Taniguchi² ¹ Japan Medical Laser Laboratory ; ² Medical corporation of Keikoh-kai Ohshiro Clinic, Tokyo, Japan
11 :00	VISIBLE LIGHT EFFECTS ON FERTILIZATION	R. Lubart, E. Hochberg, S. Rubinstein and H. Breitbart Bar-Ilan University, Ramat-Gan, Israel

11:30 Coffee-Break

BASIC SCIENCES		
Room A -November 9th , 2007		
Chairmen:		
M. Marchi, PhD (I) – Dean, Statistic Faculty, Florence University		
E.P. Tomasini, Eng (I) – Head, Mechanics Institute, Ancona University		
J. Vaitkus, PhD (Lithuania) - Pro-Rector for Research of Vilnius University		
11 :45	LIGHT TECHNOLOGIES: A SHORT HISTORY, BASIC MODELS OF INTERACTION WITH A TISSUE AND A NEAR FUTURE	J.Vaitkus and A. Vaitkuvienė Institute of Materials Science and Applied Research, Vilnius University, Vilnius, Lithuania
12 :00	LASER SHIELD DESIGNING AGAINST REFLECTED AND SCATTERED LASER RADIATION	A. Wolska², P. Konieczny¹, J. Świdorski¹, A. Zając¹, G. Owczarek² ¹ Military Univ. of Technology; Optoelectronics Inst.; 2 Kaliskiego St.; 00-908 Warsaw; Poland ² Central Institute for Labour Protection – National Research Institute; 16 Czerniakowska St. 00-701 Warsaw, Poland
12:15	SILVER NANOPARTICLES FOR THE PURPOSES OF LASER DIAGNOSTICS OF TISSUES AND NANOMEDICINE	Victor Pustovalov, PhD, *Karsten Koenig, PhD Belarusian Institute of System Analysis Pr. Pobediteley, 7 Minsk 220004 Belarus *Fraunhofer Institute of Biomedical Technics, Tuebingen, Germany

12:30	OPTICAL VIBROCARDIOGRAPHY FOR NON CONTACT MONITORING OF THE CARDIAC ACTIVITY: COMPARISON WITH OTHER PHYSIOLOGICAL SIGNALS	L. Scalise, E. P. Tomasini, U. Morbiducci, M. De Melis Dipartimento di Meccanica - Università Politecnica delle Marche, Ancona
12:45	A COMPARISON BETWEEN THE PHOTORECEPTION SYSTEMS OF THE PLANTS AND ANIMALS	Dan G. Siposan Technical Military Academy, Bucharest, Romania
13:00	SPECTROSCOPIC PROPERTIES OF BG 1120 AND BG 204 CITOSTATICS	M.L.Pascu¹, Angela Staicu¹, Madalina Dicu², Doina Gazdaru², Ruxandra Pascu³, B. Carstocea³ ¹ National Institute for Laser, Plasma and Radiation Physics, Bucharest ² Physics Faculty, University of Bucharest ³ Univ.of Medicine and Pharmacy, Faculty of General Medicine, Bucharest
13:15	ASSESSMENT OF THE RADIOPROTECTIVE EFFECT OF THERAPEUTIC LASER BY BIODOSIMETRIC METHODS	Freitinger Skalická, Zuzana¹, Havránková, Renata¹; Navrátil, Leoš^{1,2}; Beránek, L³. ¹ University of South Bohemia in Ceske Budejovice, Faculty of Health and Social Studies, Department of Radiology and Toxicology, Ceske Budejovice, Czech Republic ² THERAP-TILIA, Prague 5, Czech Republic ³ University of South Bohemia in Ceske Budejovice, Pedagogical Faculty, Department of Information Science, Ceske Budejovice, Czech Republic

Room B
Workshop organized by LINLINE Ltd

11:40	PHOTO DESTRUCTION OF TATTOO DYE	Khomchenko Vladimir, Physicist, Belorussia, Minsk
12:40	DARK SKIN LASER HAIR REMOVAL	Kolesnikova Larisa, Dermatologist, Lasertherapist, Russia, Ekaterinburg

13:30 Light lunch - IALMS Executive Committee Assembly

NEWS ON LASER SKIN MEDICINE AND SURGERY

Room A - November 9th, 2007

Chairmen:

A. Baruchin, MD, PhD (ISR) – Plastic Surg, Dept, Ben-Gurion Univ. Beer-Sheba, Askelon

K. Khatri, MD, (USA) – Skin & Laser Center, Boston

N. Nimsakul, MD (THAI) – Plastic Surgery Institute, Bangkok University

15:00	FRACTIONATED DELIVERY OF ER:YAG LASER TO IMPROVE EFFICACY AND SAFETY OF ABLATIVE RESURFACING PROCEDURE	Khalil A. Khatri, Christine Dierickx⁺, Gregory Altshuler[*], Andrei Erofeev[*], Mikhail Smirnov[*], David Tabatadze[*], Ilya Yaroslavsky[*] Skin & Laser Surgery Center of New England, Boston, USA, + Laser Clinic Boom, Belgium, *Palomar Medical Technologies Inc, Burlington, USA
15:15	LHR ACCUTANE	K. Khatri Skin & Laser Surgery Center of New England, Boston, USA
15:30	GNMC AND LASER THERAPY: A NEW IDEA FOR THE EA	Marzia Baldi, R. Grillo, A. Colombetti Istituto Nazionale dei Tumori Via Venezian, 1 Milan, Italy
15:45	KAPOSI'S SARCOMA: A NEW PROTOCOL FOR LASER TREATMENT	Roberto Maria Grillo, M. Baldi, A. Colombetti Istituto Nazionale dei Tumori Via Venezian, 1 Milan, Italy
16:00	ENDOVASCULAR LASER INTERVENTION FOR PERIPHERAL ARTERIAL DISEASES".	Masayoshi Okada,MD, PhD¹, Masato Yoshida,M.D, PhD² ¹ International Institute for Advanced General Medicine,Kobe,Japan ² Himeji Cardiovascular Center,Dept of Cardiovascular Surgery,Japan
16:15	THE MECHANISM OF ACTION OF	Corcos L¹, Dini S², Peruzzi G³, De Anna D.¹

	ENDOSAPHENOUS LASER: VENOUS MORPHOLOGICAL AND DUPLEX ULTRASOUND CHANGES, TIMING AND CLINICAL IMPLICATIONS	¹ Surgical Dept. and Postgraduate School of Vascular Surgery, University of Udine. Italy. ² Dept. of Human Pathology and Oncology. University of Firenze. Italy. ³ Vascular Laboratory of the Prosperius Institute for Clinical Research of Firenze. Italy.
16:30	AN IR/RF SYSTEM IN COMBINATION WITH IONTOPHOR	Junichiro Kubota, MD Seiko Sunshine Bldg. XI 8 Floor 1-9-1 Higashi Tokyo Non 170-0013 Japan kubota@tb-clinic.com
16:45	LASER ABLATION THRESHOLDS AND ATCHING RATES O	Borislav Ivanov, A. M. Hakimian, G. M. Peavy, R. F. Haglund *Vanderbilt University, Nashville, USA **Beckman Laser Institute and Medical Clinic, Irvine, CA
17:00	LASER TREATMENT OF CONGENITAL HEAD AND NECK HAEMANGIOMAS	G. Posiunas, MD Vilnius University Children's Hospital, GK Ci Gedimino ave. 14 Vilnius LT-01103
17:15	TREATMENT OF PORT-WINE STAINS WITH KTP LASER	K. Kobus, MD, PhD Head, Plastic Surgery Institute, Wroclaw Univ., Poland
17:30	ASIAN LASER BLEPHAROPLASTY FOR REDUCTION OF DOWN TIME & PATIENT'S SATISFACTION	Jin Wang Kim M.D,PhD.¹, Joung Ok Lee M.D.PhD,² ¹ Department of Plastic Surgery, ² Department of Dermatology, Hallym University College of Medicine, Seoul
17:45	Er:YAG LASER DEBRIDEMENT OF CHRONIC WOUNDS: ONE YEAR EXPERIENCE.	P.Mezzana, M.G.Onesti, P.Fioramonti, U.Fama, N.Scuderi Department of Plastic Reconstructive Surgery, University of Rome "La Sapienza", Italy.
18:00	CO2 LASER-ASSISTED BLEPHAROPLASTY	Narong Nimsakul, MD, FICS _Institute of Modern Medicine, Bangkok, Thailand

20:30 Typical Italian Dinner

PLENARY SESSION		
PHOTODYNAMIC DIAGNOSIS AND THERAPY		
Room A - November 10th, 2007		
Chairmen: K. Moghissi, BSc MD FRCS(ED) FRCS(ENG) FETCS (UK) - Yorkshire Laser Centre, Goole, East Y. T. Oshiro, MD, PhD (J) – Professor, Oshiro Clinic, Kejo University, Tokyo M.L. Pascu, PhSc, PhD (Rom) – Institute Atomic Physics, Bucharest University		
9:00	OVERVIEW OF THE CURRENT INDICATIONS OF PHOTODYNAMIC THERAPY (PDT) IN LUNG CANCER TREATMENT	K. Moghissi, MD, FRCS and K. Dixon BA The Yorkshire Laser Centre (YLC), Goole, East DN146RYorkshire, UK
9:20	HOW DO THE RESULTS OF PHOTODYNAMIC THERAPY(PDT) FOR EARLY OESOPHAGEAL CANCER COMPARE WITH THOSE OF SURGICAL RESECTION?	K Moghissi MD, FRCS, A J C Thorpe MD, FRCS, K Dixon BA Cardio-thoracic Surg,Clin. Yorkshire Laser Centre East DN146RYorkshire, UK
9:40	PHOTODYNAMIC THERAPY FOR LUNG CANCERS	Jitsuo Usuda, MD Tokyo Medical University 6-7-1, Nishishinjuku Tokyo, Japan
10:00	LASERS IN PHOTOCHEMOTHERAPY	Ruxandra Angela Pascu¹, Mihaela Oana Romanitan², Mihail Lucian Pascu³ ¹ University of Medicine and Pharmacy, Faculty of General Medicine, Central Military Hospital, Ophthalmology Clinic, Bucharest ² University of Medicine and Pharmacy, Faculty of General Medicine, University Emergency Hospital, Neurology Clinic, Bucharest ³ National Institute for Laser, Plasma and Radiation Physics, Laser Department, Str. Atomistilor Nr. 409, Com. Magurele 077125, Bucharest

10:20	TOPICAL PHOTODYNAMIC THERAPY IN DERMATOLOGY	Ibbotson S.H. Photobiology Unit, University Department of Dermatology, Ninewells Hospital & Medical School, Dundee, DD1 9SY, UK
10:40	SUTURELESS NERVE ANASTOMOSIS WITH LASER-ACTIVATED CHITOSAN ADHESIVE	^{1,2}Antonio Lauto,¹Lesley J Foster,³Maria Sarris, ³Gavin McKenzie and ⁴Marcus Stoodley ¹ School of Biotechnology and Biomolecular Sciences, The University of New South Wales, 2052 NSW, Sydney, Australia. ² Optical + Biomedical Engineering Laboratory, School of Electrical, Electronic, and Computer Engineering, The University of Western Australia, WA 6009, Australia. ³ School of Medical Sciences, The University of New South Wales, 2052 NSW, Sydney, Australia. ⁴ Prince of Wales Medical Research Institute, The University of New South Wales, 2052 NSW, Sydney, Australia

PDT/PDD

Room A - November 10th, 2007

Chairmen:

N. Mortellaro, MD (I) – Surgery Institute, Catania University

A. Vaitkuvienė, MD, PhD (Lithuania) – Women Clinic, Vilnius University

R. Waidelich, MD, PhD (D) - Urologic Clinic of Munchen University

11:30	MICROVASCULAR EFFECTS OF PHOTOFRIN [®] INDUCED PHOTODYNAMIC THERAPY	Cheng-Jen Chang, M.D.,Ph.D., Sally M H Cheng,[#] J Stuart Nelson, M.D., Ph.D. * 199 Tung Hwa North Rd Taipei Plastic & Reconstr Surg Dept 105 Taiwan 886
11 :45	IS Npe6-PDT FOR THE RECURRENT LUNG CANCERS AF	Shuji Ichinose*,J. Usuda*, M. Yamada**, K.Im** *Tokyo Medical University Hospital 6-7-1 Shinjuku-ku Tokyo, Japan **Dept. Of Thoracic Surgery & Oncology, Tokyo
12 :00	PHOTODYNAMIC THERAPY USING TALAPORFIN SODIUM (NPE6) AND LED FOR MALIGNANT MESOTHELIOMA	¹Imai. K., ¹Usuda J., ¹Ichinose S., ¹Hirata T., ¹Inoue T., ¹Ohtani K., ¹Maehara S., ¹Kubota M., ¹Tsunoda Y., ¹Kuroiwa Y., ²Furukawa K., ³Okunaka T. and ¹Kato H ¹ Depart of Thoracic Surgery, Tokyo Medical University Hospital, Tokyo, Japan ² Department of Thoracic Surgery, Tokyo Medical University Kasumigaura Hospital, Ibaraki, Japan ³ Respiratory Disease Center, Sanno Hospital, International University of Health and Welfare, Tokyo, Japan
12 :15	ROLE OF AUTO-FLUORESCENCE ENDOSCOPY ON THE DETECTION OF GASTROINTESTINAL TUMORS	T. Ogihara, A. Namihisia, N. Nakaniwa,Y. Kawakubo, S. Watanabe Dept. of Gastroenterology, Juntendo University Tokyo, Japan
12 :30	PHOTODYNAMIC THERAPY FOR CAPILLARY HEMANGIOMA ; AN ANIMAL STUDY	Takafumi Ohshiro¹ Toshio Ohshiro² Tatsuo Nakajima³ Katsumi Sasaki¹ Shunji Fujii¹ Yuki Taniguchi¹ 1: Ohshiro Clinic, Tokyo, Japan 2: Japan Medical Laser Laboratory, Tokyo, Japan 3: Keio University, Tokyo, Japan
12 :45	PHOTODYNAMIC THERAPY OF EXPERIMENTAL SARCOMA M-1 WITH NEW PHOTOSENSITIZES: CHLORINE E6 AMIDE WITH ETHYLENE DIAMINE, LIPOSOMAL CHLORINE E6, PER OS FORM OF CHLORINE E6.	M. Kaplan, N.Burmistrova, G.V. Ponomarev, V.N. Prozorovskij, V.A Isaev Medical Radiological Research Center of Russian Academy of Medical Sciences, Obninsk, Russia State Scientific Research Institute of Biomedical Chemistry of Russian Academy of Medical Sciences, Moscow, Russia
13 :00	PHOTODYNAMIC THERAPY OF MALIGNANT NEOPLASMS: FROM EXPERIMENTS TO CLINICAL PRACTICE	M. Kaplan, V.Kapinus, E.Yaroslavtseva-Iaseva, I. Spichenkova, V.Mardynskaya, A.Malygina, N.Burmistrova Medical Radiological Research Center of Russian Acad. of Med.Sciences, Obninsk, Russia

November 10th

TALK POSTER SESSION—h. 11:30

Chairmen:

L. Corcos, MD (I) - Surgical Dept. and Postgraduate School of Vascular Surgery, University of Udin

A. Ignaciuk, MD (Poland) - President, Polish Society of Aesthetic Medicine, Warsaw

M. Postiglione, MD, PhD (I) – Former Director, W.H.O.

11:30	COMPARISON OF COLOR CHANGE AND HISTOLOGIC REACTION OF HUMAN SKIN AFTER CO ₂ LASERBRASION FOR BURN DEPTH ASSESMENT	Jin Wang Kim M.D. ¹ , Joung Ok Lee M.D. , ² ¹ Department of Plastic Surgery, ² Department of Dermatology, Hallym University College of Medicine, Seoul, Korea
11:35	LASER ASSISTED ENDOSCOPIC AUGMENTATION MAMMOPLASTY AND BODY CONTOURING SURGERY : MINIMAL INVASIVE AUGUMENTATION MAMMOPLASTY AND BODY LIFT AND LIPOSUCTION	Jin Wang Kim MD PhD , Joung Ok Lee MD,PhD. Hallym University College of Medicine, Department of Plastic Surgery & Dermatology, Hallym International Laser Aesthetic Center, Seolu, Korea
11:40	EFFECT OF LOW LEVEL LASER THERAPY ON WOUND HEALING	Ana Paula Cavalcanti , N. R. S. Santos , P. C. Oliveira , C. M. Carvalho Federal University of Bahia Salvador de Bahia, Brasil
11:45	LASER THERAPY IMPACT ON INFLAMATORY REACTION USING OXIDIZED REGENERATED CELLULOSE HEMOSTAT.	M V Lisboa ¹ , L P Soares ¹ , A L B Pinheiro ¹ , B R Fronza ² , M E S Maciel ² , M G Oliveira ² ¹ Laser Center, Dentistry Fac., Federal Univ. of Bahia (UFBA), Salvador, BA, Brazil ² Oralmaxillofacial Surgery Department, Pontiff University Catholic of Rio Grande do Sul, Porto Alegre, RS, Brazil
11:50	EFFECTS OF LASER THERAPY ON REGENERATION OF INJURED SCIATIC NERVE IN RAT	Marcio Lisboa , N. Ribeiro-Neto , J.B. Marcelo-Sobrinho , G.C.S. Meir Federal's University of Bahia 62, Araujo Pinho Avenue, Canela Salvador Bahia, Brazil
11::55	LASER PHOTOBIMODULATION ON THE REPAIR OF THIRD DEGREE BURNS ON RATS	Priscila Oliveira , G. C. S. Meireles , J. N. Santos , A. P. Moura Federal University of Bahia 62, Araujo Pinho Avenue, Canela City: Salvador State: Bahia
12:00	PHOTOBIMODULATION ON THE HEALING OF SECOND DEGREE IN RATS	Carolina Carvalho , P. C. Oliveira , G. C. S. Meireles , J. N. Santos Federal University of Bahia 62, Araujo Pinho Avenue, Canela ,Salvador Bahia
12 :05	EFFECT OF LASER PHOTOBIMODULATION ASSOCIATED TO BONE MORPHOGENETIC PROTEIN AND/OR GUIDED BONE REGENERATION AUTOGENOUS BONE GRAFTS	N. Ribeiro Da Silva Santos ; C.S. Torres ; J.N. Santos ; C.M. Carvalho , P.C.Oliveira Federal University of Bahia 62, Araujo Pinho Avenue, Canela, Salvador - Bahia
12:10	DOES THE LASER AND POLARIZED LIGHT HAS INTERFERENCE ON HYPOTHYROID RATS CUTANEOUS REPAIR?	P. Oliveira , B . M. P. Weyll ; M. J. P. Ramalho ; A. L. B. Pinheiro ; L. M. P. Ramalho Federal University of Bahia, 62, Araujo Pinho Avenue, Canela – 40110150 Salvador Bahia, Brazil
12:15	FASTER APICAL CUTS REPRESENT LESS INFILTRATION? COMPARATIVE STUDY USING DRILL AND Er:YAG LASER	C. M. Nascimento (1) , A. M. C. Marques (2) , A. Valença-Neto (3) , C. M. Carvalho (4) , A. P. C. Souza (5) , P. C. Oliveira (6) , N. Ribeiro (7) , A. Brugnera-Junior (8) , F. A. A. Zanin (9) , M. E.M. Gerbi (10) , A. L. B. Pinheiro (11) , J. N. Santos (12) (1, 4, 5, 6, 7) Doutoranda – Programa Integrado de Pós-Graduação em Odontologia – UFPB/UFBA - Laser em Odontologia, Salvador, BA, Brazil (2) Profa. Dra. do Doutorado - Laser em Odontologia - UFPB/UFBA, Salvador, BA, Brazil (11) Prof. Dr. Coordenador do Doutorado Laser em Odontologia -

		Universidade Federal da Paraíba e Universidade Federal da Bahia, Brazil. (3) Aluno do Curso de Especialização em Periodontia ABCD/BA, Salvador, BA, Brazil(8, 9) Prof. Dr. da Universidade Camilo Castelo – UNICASTELO, São Paulo, Brazil(10) Profa. Dra. da Universidade Federal de Pernambuco – UFPE, Recife, Pernambuco, Brasil(12) Prof. Dr. Adjunto da UFBA, Salvador, BA, Brazil
12:20	DIODE PUMPED ND:YAG LASER GENERATING AT 1444 NM	Jan Šulc¹, Pavel Arátor¹, Michal Němec¹, Helena Jelínková¹, Karel Nejezchleb², Václav Škoda², Mitsunobu Miyagi³, Katsumasa Iwai³, Yuji Matsuura⁴ ¹ Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University, Břehová 7, 115 19 Prague 1, Czech Republic ² Crytur, Ltd. Turnov, Palackého 175, 51101 Turnov, Czech Republic, ³ Sendai National College of Technology, 4-16-1 Ayashi Chuo, Aoba-ku, Sendai, 989-3128, Japan ⁴ Tohoku University, Graduate School of Engineering, Department of Electrical Communications, Sendai 980-8579, Japan
12:25	INFLUENCE OF INFRARED LASER RADIATION ON ARTIFICIAL CORNEA	Helena Jelínková¹, Michal Němec¹, Petr Koranda¹, Martin Fibrich¹, Jan Šulc¹, Jiří Pašta² ¹ Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University, Brehova 7, 115 19 Prague 1, Czech Republic ² Central Military Hospital, Clinic of Ophthalmology, 169 02 Prague 6
12:30	INCISION OF URETER TISSUE WITH THE 2- μ M TM:YAP LASER RADIATION	Helena Jelínková¹, Oto Köhler², Petr Koranda¹, Michal Němec¹, Jan Šulc¹, Pavel Drlík² ¹ Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University, Brehova 7, 115 19 Prague 1, Czech Republic, ² Central Military Hospital, Clinic of Urology, 169 02 Prague 6
12:35	DELIVERY NEAR IR RADIATION BY THIN HOLLOW GLASS WAVEGUIDE	Michal Němec¹, Jan Šulc¹, Helena Jelínková¹, Mitsunobu Miyagi², Katsumasa Iwai², Yi-Wei Shi³, Yuji Matsuura⁴ ¹ Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University, Brehova 7, 115 19 Prague 1, Czech Republic, ² Sendai National College of Technology, 4-16-1 Ayashi Chuo, Aoba-ku, Sendai, 989-3128, Japan ³ School of Information Science and Engineering, Fudan University, Shanghai, 200433, China ⁴ Tohoku University, Graduate School of Engineering, Department of Electrical Communications, Sendai 980-8579, Japan
12:40	LASER IN TREATMENT OF FINGER SPRAINS	J. Konecny¹, J. Martinkova², M. Kabela¹, A. Randula¹, I. Capov¹ ¹ First Department of Surgery, St. Anne's Faculty Hospital, Faculty of Medicine, Masaryk University, Brno, Czech Republic ² Chironax Invest, Rehabilitation Center, Brno, Czech Republic
12:45	TUNABLE MID-INFRARED Cr:ZnSe LASER FOR MEDICAL APPLICATIONS	Petr Koranda¹, Helena Jelínková¹, Michal Němec¹, Jan Šulc¹, Maxim E. Doroshenko², Tasoltan T. Basiev², Jiří Pašta³, Vitaly K. Komar⁴, Andriy S. Gerasimenko⁴ ¹ Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University, Brehova 7, 115 19 Prague 1, Czech Republic, ² General Physics Institute, Laser Materials and Technology, Research Center, Vavilov Str. 38, 119991 Moscow, Russia, ³ Central Military Hospital, Clinic of Ophthalmology, 169 02 Prague 6, Czech Republic, ⁴ Institute for Single Crystals, Kharkov, Ukraine
12:50	DENTAL MICRO-SURGERY WITH Er:YAG Q-SWITCH LASER	Tatjana Dostálová¹, Michal Němec², Petr Koranda², Helena Jelínková², Miroslav Čech² ¹ The 2 nd Medical Faculty Charles University, Department of Paediatric Stomatology, V Uvalu 84, 150 06, Prague 5, Czech Republic ² Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University, Brehova 7, 115 19 Prague 1, Czech Republic,
12:55	THROMBGENESIS AND D-DIMER LIBERATION BY ENDOVENESE LASER THERAPY (EVLT)	M. Kábelá, L. Veverková, J. Konečný, I. Čapov ¹ st Department of Surgery, St. Anna's University Hospital, Masaryk University, Brno, Czech Republic.
13:00	DRUG-INDUCED GINGIVAL OVERGROWTH AND CO2 LASER: A	Occhiminuti F, Exbrayat B, Rocca JP, Fornaini C TELEO Laboratory, Faculty of Dentistry, University of Nice Sophia Antipolis (F)

	CASE REPORT.	
13:05	Er:YAG LASER AND ORTHODONTIC BONDING : A CLINICAL APPROACH	Milia G, Röckl A, Fornaini C, Rocca JP TELEO Laboratory, Faculty of Dentistry, University of Nice Sophia Antipolis (F)
13:10	ER:YAG, ND:YAG AND DIODE LASER IN THE EXPOSURE OF DENTAL IMPLANTS	Riceputi V, Merigo E, Fornaini C, Rocca JP TELEO Laboratory, Faculty of Dentistry, University of Nice Sophia Antipolis (F)
13:15	OPHTHALMOLOGICAL A Nd:YAG LASER MICROSCOPIC FOR STEREOSCOPIC EXAMINATION AND MICROSURGICAL PROCEDURES	M. I. Rusu, D. Savastru, S. Miclos, Simona Dontu, Marina Mustata, V. Savu, L. Baschir, D. Tenciu National Institute of R&D for Optoelectronics –INOE-2000, Bucharest, Romania
13:20	INTERFERENTIAL LOW – LEVEL LASER THERAPY: TECHNICAL APPROACH AND CLINICAL APPLICATIONS IN JOINT PAIN REDUCTION	Montes Molina R, Madroñero Agreda MA, Martinez Ruiz F, Romojaro Rodriguez AB, Gallego Mendez V and Prados Cabiedas C. Fundación para la Investigación Biomédica (Hospital Ramón y Cajal). Madrid (Spain).
13:25	THERMAL EFFECT PLAYS AN IMPORTANT ROLE FOR IN	Yoshihiko Tsunoda Dept. of Thoracic Surgery, Tokyo Medical University Shinjukuku, Tokyo, Japan
13:30	EFFECTIVENESS OF LOW-LEVEL LASER THERAPY IN TEMPOROMANDIBULAR JOINT DISORDERS	^{1,2} Fikackova Hana, MD, ³Dostalova Tatjana, MD, prof. DrSci, MBA, ^{1,4} Navratil Leos, MD, prof. PhD, ⁵Klaschka Jan, RNDr, PhD, ⁶Navratil Vaclav ¹ Inst. of Biophysics and Informatics, 1st Medical Faculty, Charles Univ. Prague. ² Department of Anatomy and Biomechanics. Faculties of Physical Education and Sports, Charles University. Prague, Czech Republic ³ Dept. of Paediatric Stomatology the 2nd Medical Faculty. Charles Univ.. Prague. ⁴ Department of Radiology and Toxicology, Faculty of Health and Social Sciences, South Bohemia University, Ceske Budejovice. Czech Republic. ⁵ Inst. of Computer Science, Academy of Sciences of the Czech Republic, Prague. ⁶ University of South Bohemia in Ceske Budejovice, Pedagogical Faculty- Faculty of Health and Social Studies, Dept. of Radiology and Toxicology, Matice skolske 17, 370 01 Ceske Budejovice, Czech Rep.

13:30 Light lunch - WFSLMS Executive Committee Assembly (work lunch offered by the WFSLMS)

DENTISTRY		
Room A - November 10th		
Chairmen: C. Fornaini, MD, DDS (I) – Dentistry Institute, Parma University G. Lynn-Powell, DDS, PhD (USA) – Ch., Dental Educ. Sch. Med. Utah Univ., Salt Lake City J.P. Rocca, DDS (F) – Dentistry Institute, Nice University		
15:00	FULL LASER IMPLANT PREP	Ingenegeren Ingmar Private practice GMP Ingenegeren-Ewert, Bottrop, Germany
15:15	BACTERICIDAL EFFECT OF THE VIOLET DIODE LASER	¹ Junji Kato, JuYuji Kotoku, Go Akashi, Tsuyoshi Suemori, Yos ¹ Dept. of Operative Dentistry, Tokyo Dental Col 1-2-2, Masago, Mihamaku, Chiba ¹ Dept. of Operative Dentistry, Tokyo Dental Col
15:30	ER:YAG AND ND:YAG LASERS APPLICATIONS IN BISPHOSPHONATE-RELATED JAWS OSTEONECROSIS: OUR EXPERIENCE IN 60 PATIENTS	Vescovi P.¹, Merigo E.¹, Manfredi M.¹, Fornaini C.¹, Rocca Jp²., Nammour S.³ ¹ Sezione di Odontostomatologia- Dipartimento SOOOCF - Università di Parma - Italia ² U.F.R. Odontologie Université de Nice « Sophia Antipolis » - France ³ Université de Liège - Belgique
15:45	ER:YAG SURFACE TREATMENT AND FIXED PROSTHETIC CROWN CEMENTATION.	Fornaini C^{1,2,3}, Rocca Jp¹, Nammour S², Bonanini M³ (1) TELEO Laboratory, Faculty of Dentistry, University of Nice Sophia Antipolis (F) (2) Dept of Dental Sciences, Faculty of Medicine, Univ, of Liège (B) (3) Dental School, Faculty of Medicine, University of Parma (I)

16:00	Nd:YAG AND DIODE LASER UTILISATION IN THE SOFT TISSUES ORAL SURGERY CORRELATED TO ORTHODONTIC TREATMENT	Fornaini C^{1,2,3}, Nammour S², Vescovi P³, Rocca Jp¹ ¹ TELEO Laboratory, Faculty of Dentistry, Uni. of Nice Sophia Antipolis (F) ² Department of Dental Sciences, Faculty of Medicine, , University of Liège (B) ³ Dental School, Faculty of Medicine, University of Parma (I)
16:15	AN INTERFEROMETRIC STUDY OF Er:YAG LASER DENTINE ABLATION	Rocca JP¹, Fornaini C¹, Bertrand C¹, Lepetitcorps Y² ¹ TELEO Laboratory, Faculty of Dentistry, University of Nice Sophia Antipolis (F) ² ICMCB Bordeaux University (F)
16:30	USE OF ER:YAG LASER FOR CARIES REMOVAL IN PEDIATRIC PATIENTS FOLLOWING MINIMALLY INVASIVE CONCEPTS.	R. Kornblit^{1,2}, D. Trapani¹, M. Bossù¹, J.P. Rocca², A. Polimeri¹ ¹ Department of Paediatric Dentistry, University of Rome, La Sapienza (I) ² Laser Technology and Oral Environment Laboratory, Sophia Antipolis University, UFR Odontologie, Nice (F)
16:45	THE USE OF CO2 LASER IN PEDIATRIC DENTAL SURGERY	R. Kornblit, GL Sfasciotti, A. Polimeni Department of Paediatric Dentistry, University of Rome, La Sapienza (I)
17:00	DIFFERENT WAVELENGTH LASER FOR THE BIOPSY OF ORAL TISSUES	Umberto Romeo*, Alessandro Del Vecchio*, Claudia Maggiore^o * "Sapienza" Università di Roma ^o Università di L'Aquila
17:15	THE EFFECT OF TEA-CO ₂ LASER IRRADIATION ON NORMAL DENTIN OR ARTIFICIAL SOFT DENTIN	Akihiro Igarashi, Junji Kato, Takeyuki Uchizono, Kunio Awazu, Yoshito Hirai Dept.of Operative Dentistry, Tokyo Dental Col 1-2-2, Masago, Mihamaku Chiba 261-8502 Japan
17:30	ARGON LASER AND REMINERALIZING PASTE EFFECT ON ROOT SURFACE CARIES	Gary Westerman*, MJ Hicks**, CM Flaitz**, GL Powell *** *Creighton University School of Dentistry 2500 California Plaza Omaha Nebraska 68178 USA Fax:(402) 280-5094 **University of Texas at Houston, ***University of Utah
17:45	LOW LEVEL LASER THERAPY AND BONE HEALING	Merigo E., Vescovi P., Manfredi M., Fornaini C., Bertrand M.F., Pedrazzi G., Nammour S., Rocca J-P. ¹ Sezione di Odontostomatologia- Dipartimento SOOOCF- Università di Parma - Italia ² U.F.R. Odontologie Univ. de Nice « Sophia Antipolis » - France ³ Université de Liège - Belgium
18:00	ENDODONTIC APICAL SEALING AND DRANAGE OF APICAL ABSCESS BY ND YAG DENTAL LASER	Mohsin Anwar, MD Dr M Mohsin Anwar & Associates 6- R M. M Alam Road Gulberg -2 Lahore 57600Pakistan

Room A – 17:30 IALMS and ISLSM General Assembly, Conclusion and assignation of the Awards

21:00 Gala Dinner with Music show and Closure Ceremony

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- M. Postiglione, MD (I) - Former Director, W.H.O., Firenze
- J.P. Rocca, DDS (F) – Dentistry Institute, Nice University
- B.K. Rau, MD (India) - Sri Ramachandra Medical College, Chennai (Madras)
- K.Samoilova, BiSc, PhD (Russia) - Inst. of Cytology-Russian Acad Sci., San Petersburg
- L. Scalise, Eng (I) – Mechanics Institute, Ancona University
- C. Shiroto (J) - Shiroto Clinic, Goshogawara City
- P. Smalley, RN (USA) – Technology Concept International, Chicago
- E.P. Tomasini, Eng (I) – Head, Mechanics Institute, Ancona University
- A. Vaitkuvienė, MD, PhD (Lithuania) – Women Clinic, Vilnius University
- J. Vaitkus, PhD (Lithuania) - Pro-Rector for Research of Vilnius University
- R. Waidelich, MD, PhD (D) - Urologic Clinic of Munchen University
- W. Waidelich, PhSc (D) – Ex Director, Physics Institute Munchen University

REGISTRATION FORM

Last Name		
Title: _____ First Name		
Institution:		
Address		
PostalCode	City	Country
Telephone		FAX
Email		
Specialty		
IALMS Member		

*It is my intention to attend **Laser Florence 2007, November 8th -10th** as follows*

Please indicate your choice(s) by ticking the appropriate box(es)

SUBSCRIPTION FEE (VAT 20% excluded)

<i>Main Meeting</i>	SPEAKER or IALMS, ISLSM, IPTA Member	Non- Member	<i>Accompanying person, Student, Nurse, Aesthetic Operator</i>
Full Congress	EURO 650	EURO 750	EURO 400
Two days	EURO 550	EURO 650	EURO 350
One Day	EURO 500	EURO 550	EURO 300
TOTAL			

The **Meeting** Registration fee includes the entrance, volume 2008 (four issues) of peer Journal *Lasers in Medical Science*, official journal of the IALMS; free Laser Florence 2007 Abstracts book printed in a special issue of the same journal, a meeting bag with pen & notes, Welcome Cocktail, coffee-break and a light-lunch for the days of the Conference/Course.

NOTE:

SUBSCRIPTION FEE BY E-MAIL OR POSTAL CARD WILL ACCEPT TILL OCTOBER 30TH, 2007
THE SUBSCRIPTION FEE WILL INCREASE BY 50% DURING THE MEETING DAYS

After August 30th, 2007 the cancellation will NOT give return of subscription fee.

I send you with this form the total amount of the relevant fees (Please refer to the table on the following page)
 Payment may be made (**In Euros**) as follows:

- By certified bank cheque or draught, in favour of Laser Florence 2007
- By international money order in favour of Laser Florence 2007
- By direct bank transfer in favour of Astral srl (see details below)
- By credit card (fill in details below)

With the cheque No: _____ of the Bank: _____

Or the copy of the cheque No: _____ of the Bank: _____

Or: I have made a bank transfer on (date): _____ From (Name of your bank) _____

(An official copy of the bank transfer should be enclosed with your reservation form)

Banco Posta Firenze, account Astral Srl, IBAN IT44 M 07601 02800 000081938920

BIC Code BPPIITRRXXX

Make bank transfers payable to

ASTRAL - Borgo Pinti, 57 I - 50121 Firenze

FAX 003905539069632 - e-mail: attendee@laserflorence.org

Or: I wish to pay by credit card, WITH SURCHARGE OF 5 %

Type of Card (MASTERCARD, VISA, DINERS, AMEX)	
Card Number	
Expiration Date:	Security Code
Cardholder's Signature	

HOTEL ACCOMMODATION

Arrive	Departure	Type of room	First Class****	2 ND Class ***
		Double Room	EURO 250	EURO 180
		*Douse Room	EURO 210	EURO 150
		Single Room	EURO 180	EURO 130

*Douse room is double room for single use

- **Deadline for Hotel Reservation: OCTOBER 31st, 2007**

Please, send your fax or e-mail to ASTRAL for the reservation room before the deadline, with your number and type of Credit Card to confirm the reservation. **The Hotel will confirm your reservation directly with you.**

Mr. Diego can give you further details: info@laserflorence.org

SOCIAL PROGRAM		Number of Participants
WELCOME COCKTAIL	FREE	
TYPICAL RENAISSANCE DINNER	EURO 100	
GALA DINNER WITH MUSIC and SHOW	EURO 200	
GUIDED CITY TOUR (4 hours included aperitif)	EURO 90	