

IALMS NEWSLETTER – December 2016



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**DEADLINE FOR *LASER FLORENCE 2017*
ABSTRACTS SUBMISSION : JULY 30, 2017**

29th International Medical Congress **Laser Florence 2017**

Laser Light and Drug

November 9th-11th

Auditorium St. Apollonia



www.laserflorence.eu
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LASER LIGHT and DRUG

Laser Florence 2017 is a traditional event, where leading experts in laser medicine and surgery coming from all over the world, meet each other. The 2017 event is particularly rich in interesting topics, also because it hosts the quadriennial conference of World Federation of Laser Medicine and Surgery Societies and of International Society of Laser Surgery and Medicine, which are the world's most prestigious scientific institutions in the field.

Particular attention to the relationship between laser and traditional therapies will be paid. Drugs and physical therapies may also have synergistic effects to those of the light, or opposite, or be indifferent. It is the task of the investigator to understand how to use these associations. Similarly, lasers are used in many surgical procedures, where they can be of the scalpel substitutes, or assist it, simplifying many interventions and ensuring a better result. Laser and light are then used together with drugs also in the diagnostic field, from the prevention of cancers up to the early diagnosis of many degenerative and metabolic diseases. Synergistic effects will ultimately be found with the association between laser and rehabilitative physical therapy, both in sporting performance in spinal and brain lesions post-trauma. A special area will be dedicated to the use of lasers in veterinary medicine, in particular non-surgical laser to the anti-inflammatory and analgesic therapies. The fact that these treatments are effective in animals is a confirmation of their validity on the same human diseases.

Laser Florence 2017 will cover these topics, in a scientifically correct way, without commercial and other constraints, under the aegis of IALMS, WFLMS and ISLSM. All this will happen in a very friendly and constructive atmosphere, hoping to continue to acquire new data, immediately applicable to clinical practice.

As usual, best papers will be awarded and there will be some scholarships available for young researchers; the conference abstracts will be published on the official newspaper of IALMS, Lasers in Medical Sciences (Springer Publishers), while the Proceedings on peer book "Advance in Laserology".

November 9th, 2017

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- **Course on LASER DENTISTRY**
-
- **Course on LASER/LIGHT IN AESTHETIC MEDICINE AND SURGERY**
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- **Course on LASER BIOMODULATION**
-
- **Course on LASER SAFETY – ILLIS Course**

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PRELIMINARY PROGRAM

November 10th, 2017

- LASER DENTISTRY **T. Dostalova, C. Fornaini, A. Pinheiro, J.P. Rocca**
- LASER/LIGHT IN AESTHETIC MEDICINE AND SURGERY
Cheng-Jen Chang, A. Goran, A. Ignaciuk, K.Khatri, G.M. Izzo, T. Lotti, N. Nimsakul, F. Tomaselli, Z. Zgaljardic
- BASIC SCIENCE AND LASER PHYSICS **H. Avetissian, S. Gonchukov, M.L. Pascu, L. Scalise, J. Vaitkus**
- LASER AND DRUGS **G. Assalti, A. Lauto, R. Lubart, A. Tenenbaum, V. Tsepolenko**
- LASER SAFETY **I. Ilev, Ming Chieng Kao, T. Oshiro, P. Smalley, H. Teixeira**
- LASER TREATMENT IN VETERINARY PRAXIS **R. E. Hirschberg, K. Kovacs, R. Godine**

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- **19:15 - Open Ceremony with Welcome Cocktail and leading lecture**

- LASER BIOMODULATION – SCIENTIFIC RESEARCH and CLINICAL PRACTICE
G.D. Baxter, A. Mester, L. Navratil, P.F. Parra, K. Samoilova
- LASER/LIGHT IN SURGERY **A. Baruchin, G. Bastianelli, S. Krishna R. Lanza fame, B.K.Rau, G.P. Tassi**
- PHOTODINAMIC DIAGNOSIS AND THERAPY, ROBOTICS **G. Di Renzo, R. Pirvulescu, M. Stark, A. Vaitkuvienė**
- LASER TREATMENT OF CENTRAL NERVOUS SYSTEM LESIONS
J. Anders, Y. Asagai, L. Longo, S. Rockhind, N. Wise
- Session for Patients
- TALK POSTER SESSION **F.Al-Watban, G. Calderhead, H. Jelinkova, E. Merigo**

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

Deadline for on-line abstract submission is **July 30th, 2017**

LOCATION: Auditorium of Sant' Apollonia - Via San Gallo 25 - Firenze

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NETWORKS GENERATED BY PREVIOUS 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. Photodyalisis 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: Photopletismography 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

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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: Follow up of positive results on central nervous system traumatic injuries. Laser therapy for peripheral nerve reconstruction. Laser therapy for prevention of central nervous system post-traumatic damages. Laser diagnosis of early cancer of lung, uterus, breast, urinary bladder, prostate. Laser and photodynamic therapy of prostate cancer and lung cancer. Laser therapy of the menopause. Light for improving the follow-up of laser therapy of diabetes. Laser and stem cells for treatment of myocardial lesions.

2011: mechanisms of laser effects in quantum medicine; new procedures of percutaneous laser disc decompression of inter-vertebral disks. antimicrobial photodynamic therapy in chronic osteomyelitis. Multispectral visualization of glial brain tumors containing ppix in diffuse and laser-induced fluorescent light. Follow-up of laser treatment of spinal cord traumatic injuries.

2012: new treatment of non ablative laser for hypertrophic scars and keloids; new lasers in sport medicine; lasers for differentiation of stem cells; laser doppler myography; laser surgery of pancreas

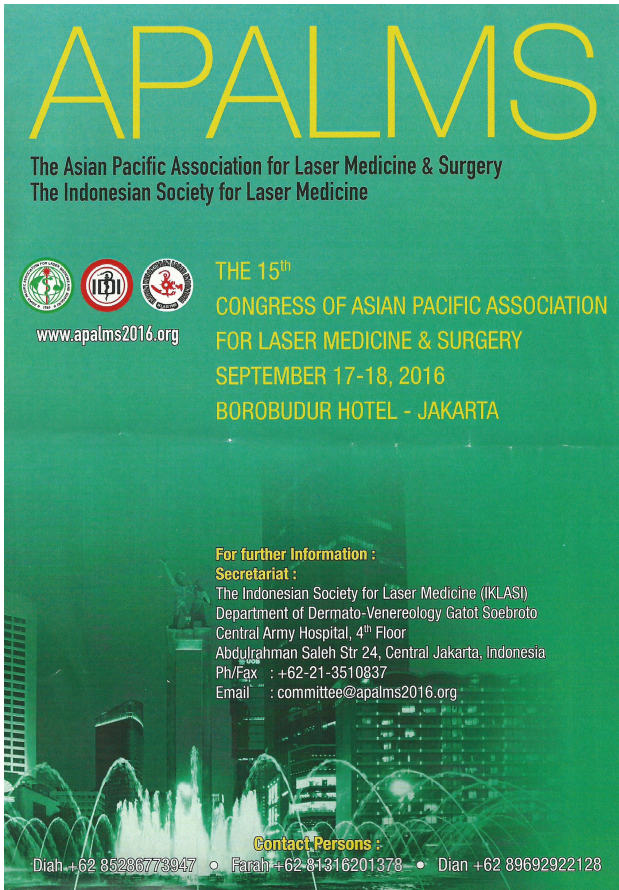
2013: new laser treatment of acnis, vitiligo, psoriasis, melasma, scars, La Peyronie's disease; ablative laser therapy guided by optical coherence tomography; green laser promotes proliferation of neural progenitor cell; laser biomodulation of normal and neoplastic cells; sEMG-biofeedback for the evaluation of laser therapy on traumatic central nervous system injuries ; updata on laser and physical therapy applied to traumatic central nervous system injuries; laser for tennis player shoulder; multidiodes laser for dentistry application.

2015: Laser in sexually transmitted disease & sexual dysfunction, Laser in chronic abdominal wall pain syndrome, spinal cord injuries, Breast cancer, Use of Laser in telesurgical systems, skin regeneration by means of laser and Growth hormone, new Laser solutions for hemangiomas, dyschromia, melasma, new discoveries in PDT, lasers in Veterinary, dentistry, ENT, laser role in the treatments of musculoskeletal disorders and rehabilitation medicine. New Diamond laser.

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IALMS ACTIVITY 2016

Co-sponsor of

A green poster for the 15th Congress of the Asian Pacific Association for Laser Medicine & Surgery (APALMS). The poster features the APALMS logo at the top, followed by the text 'The Asian Pacific Association for Laser Medicine & Surgery' and 'The Indonesian Society for Laser Medicine'. Below this are three circular logos and the website 'www.apalms2016.org'. The main text reads 'THE 15th CONGRESS OF ASIAN PACIFIC ASSOCIATION FOR LASER MEDICINE & SURGERY SEPTEMBER 17-18, 2016 BOROBUDUR HOTEL - JAKARTA'. At the bottom, there is a section for 'For further Information : Secretariat : The Indonesian Society for Laser Medicine (IKLASI) Department of Dermato-Venereology Gatot Soebroto Central Army Hospital, 4th Floor Abdylrahman Saleh Str 24, Central Jakarta, Indonesia Ph/Fax : +62-21-3510837 Email : committee@apalms2016.org' and 'Contact Persons : Diah +62 85286773947 • Farah +62 81316201378 • Dian +62 89692922128'. The background of the poster shows a cityscape with a fountain.

APALMS

The Asian Pacific Association for Laser Medicine & Surgery
The Indonesian Society for Laser Medicine

www.apalms2016.org

THE 15th
CONGRESS OF ASIAN PACIFIC ASSOCIATION
FOR LASER MEDICINE & SURGERY
SEPTEMBER 17-18, 2016
BOROBUDUR HOTEL - JAKARTA

For further Information :
Secretariat :
The Indonesian Society for Laser Medicine (IKLASI)
Department of Dermato-Venereology Gatot Soebroto
Central Army Hospital, 4th Floor
Abdylrahman Saleh Str 24, Central Jakarta, Indonesia
Ph/Fax : +62-21-3510837
Email : committee@apalms2016.org

Contact Persons :
Diah +62 85286773947 • Farah +62 81316201378 • Dian +62 89692922128



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IALMS - RESERVATION FORM FOR MEMBERSHIP

Name: _____ Title: _____ Institution: _____

Address: _____ Postal Code _____ City _____ Country _____

Telephone _____ FAX _____ Email _____

Specialty _____ Type of Member _____

It is my intention to subscribe the membership of the IALMS for the year.....
Please indicate your choice(s) by ticking the appropriate box(es)

Type of membership	Eurodollars
Founding: are members who have participated in the act of foundation or who will be admitted as such, up until 31 December 2000.	100
Fellow: after five years of membership, or after <i>three</i> presentations at different Academy C and/or publications in the Academy Journal. Fellowship is by application to the Executive	100
Ordinary: all the other members. Members are expected to pay the admission fees prevailing at the time of their admission.	200
Scientific Societies and Associations : these pay one USD for each of their member, and each Society with minimum of 200 members can have one representative in the Executive Committee upon application.	1 for member
Manufacturers: they can have a member in the Executive Committee; They can use the logo of the Academy on their brochures	500

I send with this form the total amount of the relevant fees (Please refer to the table up)
Payment may be made (In Euro Dollars) as follows:

- On-line, from the web.site www.ialms.international
- By credit card (fill in details below)
- By direct bank transfer in favor of the IALMS (see details below)

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

Monte dei Paschi di Siena, Agenzia Firenze - account IALMS 200414

IBAN - IT 77 Q 01030 02804 000000200414 BIC - PASCITM1F20

FAX 0039 0552342330 - ialms@laserflorence.eu

Or: I wish to pay by Type of credit card : (MASTERCARD,VISA; AMEX NOT ACCEPTED):

Card Number: _____ **Expiration Date** _____

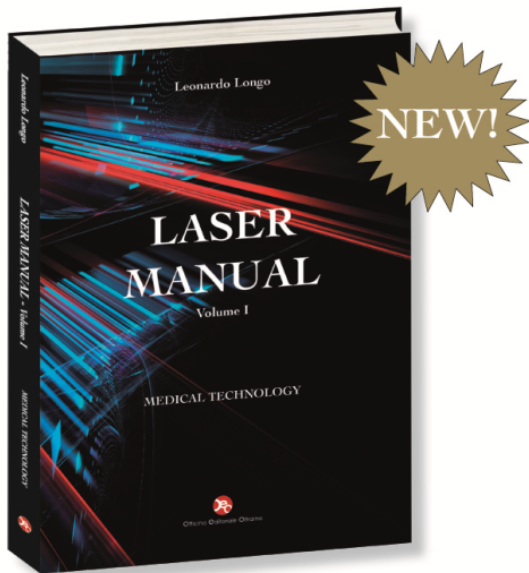
Security Code _____ **Cardholder's Signature and name on the card**

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LASER MANUAL

VOLUME I

MEDICAL TECHNOLOGY



LASER MANUAL - VOLUME I
MEDICAL TECHNOLOGY
294 pages 600 coloured pictures

info@oecofirenze.it

Phone+39388047975

DISCLOSURE

The Authors of this manual don't sell and don't make laser and light lamp !

CONTENTS

Chapter 1. Generalities - L. Longo

Chapter 2. Laser/biological tissue interaction - L. Longo

Chapter 3. Laser physics for biomedical applications - M. L. Pascu

Chapter 4. Laser Beam Interaction with Tissues- M. L. Pascu, M. Romanitan, M. Burcea

Chapter 5. Broadband visible light for therapy and sterilization purposes - R. Lubart

Chapter 6. Trends in Basic Research on Laser Biomedicine - M. L. Pascu, A. Militaru, M. Boni, V. Nastasa, T. Alexandru, A. Staicu, I. R. Andrei

Chapter 7. Laser Induced Fluorescence in Biomedicine - M. L. Pascu, R. Pirvulescu, M. O. Romanitan, A. Smarandache

Chapter 8. General Indications - L. Longo

Chapter 9. Laser Safety: Keys to Compliance - P. J. Smalley

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Laser Florence 2017 - REGISTRATION FORM

Last Name		
First Name	Title:	
Institution:		
Address		
Postal Code	City	Country
Telephone	FAX	
Email		
Specialty		
IALMS Member		

*It is my intention to attend **Laser Florence 2017, November 9th - 11th** as follows
Please indicate your choice(s) by ticking the appropriate box(es)*

SUBSCRIPTION FEE (VAT 22% included)

<i>Main Meeting</i>	SPEAKER or IALMS, ISLSM, IPTA Member	<i>Non- Member</i>	<i>Accompanying person, Student, Nurse, Aesthetic Operator</i>
Full Congress	EURO 500	EURO 600	EURO 300
One Day	EURO 450	EURO 500	EURO 200
Course	EURO 800	EURO 1000	EURO 500
Special Prices for group (more than 3 persons)	DISCOUNT 20% each person	DISCOUNT 20% each person	DISCOUNT 20% each person
TOTAL			

The **Meeting** Registration fee includes the entrance, volume 2018 (four issues) of peer Journal *Lasers in Medical Science*, official journal of the IALMS; free Laser Florence 2017 Abstracts book printed in a special issue of the same journal, a meeting bag with pen & notes, Welcome Cocktail, coffee-break and a lunch for the days of the Conference/Course.

The **Courses** registration fee includes presentation of videotapes, live demonstration, and **discount of 20 % for the subscription fee at Laser Florence 2017 Meeting.**

NOTE:

THE SUBSCRIPTION FEE WILL INCREASE BY 20% AFTER JULY 30th, 2017

SUBSCRIPTION FEE BY E-MAIL OR POSTAL CARD WILL ACCEPT TILL OCTOBER 31st, 2017

THE SUBSCRIPTION FEE WILL INCREASE BY 50% DURING THE MEETING DAYS

Return of total subscription fee is possible until August 30th, 2017

(Except for 30% for VAT, bank and postal expenses).

After August 30th, 2017 the cancellation will NOT give return of subscription fee.

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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 direct bank transfer in favor of ILM sas Congress Service (see details below)
☐ By credit card (fill in details below)

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)

**Monte dei Paschi di Siena, Agenzia Firenze 20 - account ILM sas 201534
 IBAN - IT 32 X 01030 02804 000000201534 BIC - PASCITM1F20**

Make bank transfers payable to

**ILM Sas Congress Service - Borgo Pinti, 57 I - 50121 Firenze
 FAX 00390552342330 - e-mail: info.laserflorence@gmail.com**

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

<i>Type of Card (MASTERCARD,VISA; AMERICAN EXPRESS NOT ACCEPTED)</i>	
<i>Card Number</i>	
<i>Expiration Date:</i>	<i>Security Code</i>
<i>Cardholder's Signature</i>	

HOTEL ACCOMMODATION (price for room)				
<i>Arrive</i>	<i>Departure</i>	<i>Type of room</i>	<i>First Class****</i>	<i>2ND Class ***</i>
		Double Room	EURO 180	EURO 150
		*Douse Room	EURO 160	EURO 100
		Single Room	EURO 140	EURO 110

**Douse room is double room for single use*

Deadline for Hotel Reservation: OCTOBER 31st, 2017

Please, send your fax or e-mail to ILM sas 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. Ms Valentina can give you further details: valentina@laserflorence.org**

SOCIAL PROGRAM		Number of Participants
WELCOME COCKTAIL (informal dressing)	FREE	
GALA DINNER with MUSIC and AWARDS ASSIGNATIONS, (black ties or formal dressing)	EURO 120	