# IALMS Newsletter - December 2015

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**DEADLINE FOR LASER FLORENCE 2017 ABSTRACTS SUBMISSION: JULY 30, 2017**
Report on Laser Florence 2015 (By A. Baruchin)  
Auditorium of Sant’Apollonia - Via San Gallo, 25 - Firenze

Laser Florence 2015 Conference was held on 5-7 November 2015 in Florence. This year conference inspired & coincides with the celebration of the International Year of Light (IYL 2015) under the auspices of the UNESCO. First, we would like to thank all conference attendees and students for making Laser Florence -2015 a marvelous event. Laser Florence 2015 presents a long tradition involvement in the field of laser medicine. Every 2 year specialists from all over the world exploring new horizons in the use of laser technologies in experimental as well as in clinical medicine and surgery, gathers in Florence. A special thank you to all of our outstanding speakers, scientists, engineers, researchers and leaders from the fields of Laser Science and Physics, who made this event successful. Laser Florence 2015 witnessed an amalgamation of peerless speakers who enlightened the audience with their knowledge and confabulated on various topics related to Laser Science & Technology. Hence, this conference is a path breaking opportunity for Students and young researchers too, who are given a chance to exhibit their paramount research work through Poster Presentation and discuss the same with the exalted scientists.

In her 2 pages' letter to Prof. Longo, the Minister of Health, Honorable Beatrice Lorenzin, stated that she considers Laser Florence as "a role model" for the Italian laser medicine and surgery.

Prof. Ilko Iliev, the official representative of the FDA who attended the meeting and lectured about the key laser radiation characteristics, affirms that the prestigious FDA consider Laser Florence as the first place European meeting regarding scientific importance and monitoring new breakthroughs in laser medicine and surgery.

On the whole 150 participants from 34 countries took part in the conference coming from 5 continents. The conference was divided in 7 sections:

- Plenary session
- Laser in women health
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• Laser in Dermatology, Plastic Surgery and Aesthetic & Cosmetic Medicine
• Basic laser Sciences, Physics and Safety
• Low Level Laser Medicine in Veterinary
• Laser Biomodulation

The program was supplemented with 4 educational courses for young specialists who in this manner could acquire a complete information in given problems and meet with prominent world-known authorities.

The conference has a long tradition of bringing together European and international experts, pioneers researchers and medical professionals working in the field of laser medicine and surgery. Every 2 year specialists exploring new horizons in the use of lasers in experimental as well as in clinical medicine and surgery, gathers in Florence. This conference is a path breaking opportunity for Students and young researchers too, who are given a chance to exhibit their paramount research work through Poster Presentation and discuss the same with the exalted scientists.

A session of the committee I.A.L.M.S. (Executive Committee Assembly) was also part of this special program. Participants of the session became acquainted with the economic situation of the Academy and its projects, and above all, in the sphere of young specialist's education. Awards were presented to a number of top lecturers and posters for their special achievements:

INFLUENCE OF INFRARED LASER ON LIFESPAN AND. COUNTS OF SOME POPULATIONS OF LEUCOCYTES IN GAMMA-IRRADIATED MICE. A paper by Yulia Efremova, Zuzana Sinkorov & Leos Navratil ,Czech Technical University in from the Czech Rep. Won a grant of 500€ established by the Lions Club Stibbert, Firenze.

Best poster award went to:

BREAST CANCER DETECTION BASED ON SERUM SAMPLE SURFACE ENHANCED RAMAN SPECTROSCOPY. By E. Vargas-Obieta, A. Aguilar-Lemarroy, L. F. Jave-Suárez, J. L González-Solís. Centro Universitario de Lagos, Universidad de Guadalajara, México.

Other winners of best papers awards are as follows:

LASER THERAPY IN SEXUALLY TRANSMITTED DISEASES, RESPECTIVELY IN THE ASSOCIATED SEXUAL DYSFUNCTIONS . By D. Brinzan, MD, Lucian Păiușan, MD. County Hospital Arad-Romania
EFFECTS OF ANTIMICROBIAL PHOTODYNAMIC THERAPY IN LEISHMANIA BRAZILIENSIS INTERACTION WITH J774 MACROPHAGES

A STUDY OF HYPOPIGMENTED SKIN LESIONS PRESENTING TO AN OUTPATIENT SKIN CLINIC IN A TERTIARY CARE HOSPITAL FOR CHILDREN
By M.K. Dulcy Tissera, J.K.K. Seneviratne, B.D.W. Jayamanne
Lady Ridge Way Hospital Colombo – Sri Lanka

A NOVEL FAMILY OF OSMIUM COMPLEX PHOTOSENSITIZERS FOR MULTI- WAVELENGTH PDT
By Savo Lazic, Pavel Kaspler, Yaxal Arenas, Ge Shi, Robie Hennigar, Sarah Forward, Arkady Mandel, Sherri A. McFarland, Lothar Lilge. Department of Medical, Biophysics University of Toronto, Canada.

EFFECT OF LASER LIGHT ON TUMOR GROWTH AND INVASION
By G Ottaviani, S Zacchigna, K Rupel, M Gobbo, R Bussani, R Di Lenarda & M Biasotto. Oral Medicine and Pathology Unit (Dental Science Department), University of Trieste.

Here are selected top inventions highlighted at Laser Florence 15, in no particular order:


"Advances in Laserology - Selected papers of Laser Florence 2015”, will be published at the beginning of 2016 by Medimond S.r.l. - Monduzzi Editor International Proceedings Division which is a leading international scientific academic publisher based in Bologna (Italy).

http://www.medimond.com/proceedings


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.


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


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 acnис, 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; update on laser and physical therapy applied to traumatic central nervous system injuries; laser for tennis player shoulder; multidiodes laser for dentistry application.
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IALMS ACTIVITY 2016

Co-sponsor of

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

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
Abdulrahman Saleh Str 24, Central Jakarta, Indonesia
Ph/Fax: +62-21-3510837
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Contact Persons:
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IALMS - RESERVATION FORM FOR MEMBERSHIP

Name:__________________________________________Title:________Institution:________________________________________

Address:_________________________________________ PostalCode________ 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)

<table>
<thead>
<tr>
<th>Type of membership</th>
<th>Eurodollars</th>
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<tr>
<td>Founding: are members who have participated in the act of foundation or who will be admitted as such, up until 31 December 2000.</td>
<td>100</td>
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<tr>
<td>Fellow: after five years of membership, or after three presentations at different Academy Congresses and/or publications in the Academy Journal. Fellowship is by application to the Executive Committee</td>
<td>100</td>
</tr>
<tr>
<td>Ordinary: all the other members. Members are expected to pay the admission fees prevailing at the time of their admission.</td>
<td>200</td>
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<tr>
<td>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.</td>
<td>1 for member</td>
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<tr>
<td>Manufacturers: they can have a member in the Executive Committee; They can use the logo of the Academy on their brochures</td>
<td>500</td>
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I send with this form the total amount of the relevant fees (Please refer to the table above)
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 00000200414 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:__________________________________________Expiry Date

Security Code ______________ Cardholder’s Signature and name on the card
**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 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**

<table>
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<th>First Name</th>
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<td>IALMS Member</td>
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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)**

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

| Type of Card (MASTERCARD, VISA; AMERICAN EXPRESS NOT ACCEPTED) |
| Card Number |
| Expiration Date: | Security Code |

Cardholder’s Signature

| HOTEL ACCOMMODATION (price for room) |
| Arrive | Departure | Type of room | First Class*** | 2ND Class *** |
| 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 100 |
The Soprano Katerina Mina sang the official song of the IYL in the Laser Florence Closure Ceremony, in company of the Author, Linda Lemon.