

23rd International Congress Laser Medicine
with Pre-Conference Courses

Laser Florence 2009

.....A Gallery through the Laser Medicine World

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



FLORENCE, November 6th – 7th, 2009

Program Chairperson L. Longo, MD

Organizing And Scientific Committee

J. Anders, PhD; Y. Asagai, MD; A. Baruchin, MD, PhD; G.D. Baxter, PhD; M. Dyson, PhD; C. Fornaini, DDS; I. Kaplan, MD; K. Khatri, MD; R. Lubart, PhD; G. Lynn-Powell, DDS; C. Maggiore, MD, DDS; L. Navratil, PhD; B. Niculae, MD; T. Ohshiro, MD, PhD; V. Oswal, MD, PhD; M.L. Pascu, PhD; A. Pinheiro, DDS, PhD; M. Postiglione, MD; P. Ramdawon, MD, DSci; J.P. Rocca, DDS; P. Smalley, TN; J. Vaitkus, PhD; A. Vaitkuvienė, MD; R. Waidelich, MD; W. Waidelich, PhD



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Laser Florence 2009 is the annual Congress of the International Academy Laser Medicine and Surgery, jointed with the biannual congress of the International Photo Therapy Association.

As usual researchers and doctors will show new data immediately available for practical use.

Particular emphasis will be given to research relating to standards for light and laser therapy on different topics: Dentistry, Dermatology, Neurology, Rehabilitation and Sport Injuries, .Phlebology, Plastic Surgery, Photodynamic Diagnosis and Therapy.

A special session will be dedicated to Energetic Medicine and the role of laser beams and light in this topic.

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.

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.

PROGRAM AT-A-GLANCE

November 6th, 2009

- LASER/LIGHT SKIN MEDICINE AND SURGERY
- LASER/LIGHT AND ENERGETIC MEDICINE
- ROUND TABLE ON LASER SKIN MEDICINE AND SURGERY

- LASER REHABILITATION & SPORT INJURIES
- LASER GENERAL SURGERY
- ROUND TABLE ON LASER VASCULAR LESIONS

17: 30 IALMS General Assembly

19:00 – Open Ceremony with Welcome Cocktail

November 7th, 2009

- LASER, STEM CELLS AND NERVOUS SYSTEM
- LASER DENTISTRY
- LASER TISSUE INTERACTION

- PHOTODYNAMIC DIAGNOSIS AND THERAPY
- TALK POSTER SESSION
- ROUND TABLE ON ENERGETIC MEDICINE

18:00 Conclusion and Awards Nominations

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

The President of the Italian Republic

Florence Medical Association

Tuscany Region

CONFERENCE SCIENTIFIC BOARD (incomplete)

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- R. Waidelich, MD, PhD (D) - Urologic Clinic of Munchen University
- W. Waidelich, PhSc (D) – Ex Director, Physics Institute Munchen University

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. Photodynamic 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.