

SECOND CALL FOR PAPERS

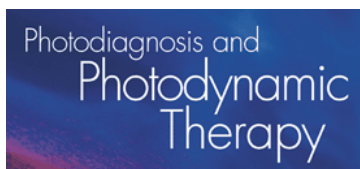
**15th International Congress of EMLA (European Medical Laser Association),
in conjunction with FinMedLA (Finnish Bio-Medical and Cosmetological
Laser Association), MAL (Medical Acupuncture and Laser, Finland),
LAN RF (Laser Academy of Russian Federation),
Laser and Health International Association**

LASER HELSINKI 2010

Helsinki, Finland

Saturday 21st – Sunday 22nd August 2010

with pre- and post-congress courses at 20th and 23rd August 2010



We are happy to invite you to visit Finland and participate at 15th International Congress of EMLA (European Medical Laser Association) in conjunction with FinMedLA (Finnish Bio-Medical and Cosmetological Laser Association), MAL (Medical Acupuncture and Laser, Finland), LAN RF (Laser Academy of Russian Federation) and Laser and Health International Association - Laser Helsinki 2010 International Congress.

This meeting is dedicated to various fields of laser medicine and research, medical laser technology, phototherapy and photobiology. Main topics of the congress are: update of basic research and clinical experience of laser therapy and photodynamic therapy of different diseases and conditions, laser application in surgery and aesthetic medicine, lasers in veterinary medicine, laser acupuncture, laser vs. LED therapy, etc. Topics how to combine laser therapy with LED therapy, electric and magnetic stimulation, as well as with the correct diet and food supplement application will be also presented.

Starting from 1983, the European Medical Laser Association (EMLA) has organized international congresses dedicated to a variety of fields of laser medicine. Due to its geographical location and neutral political orientation Helsinki, the capital of Finland, is an ideal place to organize international events with participation of professionals from different European countries and around the globe. Several important international events have been organized in Helsinki during past years.

Simultaneous translation from Russian to English, German, Finnish and back during the Congress will break language barrier and will significantly improve communication between professionals from different countries. That will create better environment for exchange of information and establishing of personal relations, which will help in further development of methods of laser medicine and spreading information about newest developments in the field.

Abstracts of the congress will be published in the magazine Photodiagnosis and Photodynamic Therapy (ELSEVIER, ScienceDirect) as a separate issue. Selected papers will be published online in the official EMLA magazine: EMLA Laser Health Journal. The best reports will be rewarded.

Laser Helsinki 2010 Congress will take place in Paasitorni Congress Centre. It is a unique congress and conference complex in the heart of Helsinki and also an outstanding example of art nouveau architecture.

The official hotel of the Congress, Hilton Helsinki Strand, offers special rates for congress participants during the congress, starting from 97 Euro per night for a single room and 107 Euro per night for a double room, including breakfast and taxes. Take note, only limited number of rooms is available.

Important Dates and Deadlines

Deadline for Abstract Submission	30 May 2010
Early Registration Deadline	31 May 2010
Hilton Helsinki Strand Hotel Reservation (special rates)	19 June 2010
Laser Helsinki 2010 Congress Dates	21 - 22 August 2010
Pre- and Post- conference courses	20 and 23 August 2010

Invited Keynote Speakers

- Zhores Alferov** Nobel Prize winner, Academician, Russian Academy of Sciences, Professor.
- Juri Vladimirov** Academician, Russian Academy of Medical Sciences, Professor.

Main Topics of the Laser Helsinki 2010 Congress

- Local and systemic effects of laser light
- Local and systemic applications of photodynamic therapy (PDT)
- Laser safety and quality of laser treatment
- Intravenous laser therapy
- Methods of laser surgery in different branches of medicine
- Laser light and skin, laser-tissue interactions, aesthetic surgery
- Laser and electro-laser acupuncture
- Laser modulation of stem cell activities
- Comparison of effects of laser light of different colours
- Lasers and LEDs: comparative studies
- Lasers in physiotherapy
- Lasers in dentistry
- Laser ENT
- Lasers in gynecology and urology
- Laser treatment of cardiovascular disorders
- Lasers in veterinary sciences

Topics of Pre- and Post-congress Courses

- Laser therapy for the treatment of diabetes and internal diseases
- Laser and electro-laser acupuncture: new life of old therapy
- Laser treatment of tinnitus
- Laser aesthetic surgery and laser cosmetics
- New technologies and techniques
- Intravenous laser therapy
- Quantum physics (laser related issues)
- Laser safety
- New developments in PDT, systemic PDT
- Laser in neurology
- Laser in diabetology

Preliminary Program of the Laser Helsinki 2010 Congress

Day 1, August 21, 2010, Saturday

- **Opening words**
- **Plenary session:**
- Laser surgery and safety
- Systemic effects of laser light
- Laser dosimetry and wavelengths
- Laser in gynecology, urology

Break

- **Plenary session:**
- Laser and biomodulation of the nervous system
- Laser PDD/ PDT, systemic photodynamic therapy
- Laser in orthopedics and neurosurgery
- Laser acupuncture
- Laser in ophthalmology

Lunch break

Room 1

- Laser in rehabilitation and sports medicine
- Lasers in physiotherapy and pain
- Lasers in orthopedics

Room 2

- Laser in dentistry
- Laser in ENT disorders

Room 3

- PDT in skin diseases
- PDT in cancer
- PDT in metabolic disorders

Day 2, August 22, 2010, Sunday

- **Plenary session:**
- Laser and light biomodulation
- Laser, light and vascular lesions
- Laser in diabetology and metabolic diseases
- Laser in cardiovascular disorders

Break

- **Plenary session:**
- Intravenous laser therapy
- Laser, light and chronic diseases
- Laser in stem cell research
- Laser in combined therapy forms
- Laser or LED: comparative studies

Lunch break

Room 1

- Optoelectronic and biomedical applications
- Laser equipment (sponsored by producers?)
- Discussion, questions

Room 2

- Laser, Light and Skin
- Laser Skin resurfacing, hair removal
- Laser Tissue Repair and tissue interactions
- Laser in cosmetology

Room 3

- Laser tissue repair and tissue interactions in veterinary sciences
- Laser and laser acupuncture in veterinary sciences

Break

- Discussion, questions
- Young researchers, awards
- **Closing words, end of the Congress**
- **General assembly**

Each section will last about 2 hours.

The morning brake is 15 minutes and the lunch break is 1 hour.

Preliminary Program Pre- and Post-congress CoursesFriday 20th and Monday 23rd August 2010**August 20, 2010, Friday****Morning****Room 1**

8.00-10.00	Registration	
10.00-13.30	Laser safety (in English)	Penny Smalley

Afternoon**Room 1**

14.00-15.30	Quantum physics (laser related issues)	Hans Romberg
15.30-17.00	Lasers in neurology	Anu Mäkelä
17.00-18.30	Laser therapy for the treatment of diabetes and internal diseases	Anu Mäkelä

Room 2

14.00-15.30	Laser aesthetic surgery and laser cosmetics	
15.30-17.00	Clinical applications of LED therapy	Levon Gasparyan
17.00-18.30	Laser treatment of the inner ear organ	

August 23, 2010, Monday**Morning****Room 1**

9.00-12.00	Laser safety (in Finnish)	Penny Smalley, Anu Mäkelä
12.00-13.30	Laser and electro-laser acupuncture: new life of old therapy	Anu Mäkelä

Afternoon**Room 1**

14.00-15.30	New developments in PDT	Michail Kaplan
15.30-17.00	Intravenous laser therapy	Levon Gasparyan

Room 2

14.00-15.30	Lasers in cosmetics (in Finnish)	Anu Mäkelä
15.30-17.00	New laser technologies and techniques	Hans Romberg

Registration Fee of the Laser Helsinki 2010 Congress

	Early registration before May 31, 2010	Late registration after May 31, 2010	On site registration
Members*	290 Euro	310 Euro	330 Euro
Non-members*	340 Euro	370 Euro	400 Euro
Students	145 Euro	160 Euro	175 Euro
Accompanying persons	170 Euro	185 Euro	200 Euro

*refers to members of EMLA, FinMedLA, MAL, LAN RF, Laser and Health International Association, ASLMS, Laser Helsinki 2010 co-organizing associations and societies.

One Day Only Registration Fee

	Early registration before May 31, 2010	Late registration after May 31, 2010	On site registration
Members*	200 Euro	220 Euro	240 Euro
Non-members*	240 Euro	260 Euro	280 Euro
Students	100 Euro	110 Euro	120 Euro
Accompanying persons	120 Euro	130 Euro	140 Euro

Registration fee includes:

- Admission to all sessions
- Admission to exhibition
- Congress materials
- Coffee breaks / lunches during the Congress
- Admission to the Welcome cocktail

Participation for gala-dinner as well as Helsinki city tours will be charged separately.

Registration Fee of the Pre- and Post-congress Courses

	2 days	1 day	Laser safety course with certificate	1 course with certificate	1 course without certificate
Members	170 Euro	100 Euro	60 Euro	40 Euro	20 Euro
Non-members	200 Euro	120 Euro	75 Euro	50 Euro	25 Euro

Bank details:

Bank name: NORDEA
 Bank address: Aleksanterinkatu 30, Helsinki, Finland
 SWIFT/BIC: NDEAFIHH
 Account name: Laser congress
 IBAN: FI13 1745 3000 0073 87
 Details of payment: **Your full name**, Laser Helsinki congress registration fees

Registration form for the Laser Helsinki 2010 Congress

Please send the completed form to info@laserhelsinki.com

First Name:			
Middle Name:			
Last Name:			
Title			
Institution:			
Department:			
Position:			
Street Address:			
Street Address:			
City:		Zip/Postal code:	
Country:			
Phone:			
E-mail:			
Fax:			
Web site:			
Date of arrival:			
Date of departure:			

Additional information:

Is the registration fee paid? If yes, when? If no, when you are planning to pay it?

Do you need official papers for visa application?

Are you planning to have a presentation? If yes, please put title here.

This form is also available at www.laserhelsinki.com official site of the Laser Helsinki 2010 Congress

Instructions for Abstract Submission

Abstracts should give clear objectives for the work, methods used and results, with brief conclusion. Abstracts should be submitted in English only.

Abstracts should be structured and include the following parts:

Introduction - should be informative and short, stating why the study was conducted;

Material & methods - indicating the locale, number and type of human subjects, non-human species or material being studied, the principal procedures, assays, tests or treatments performed;

Results - confirming or refusing the hypothesis, supported by statistics if appropriate;

Conclusion - stating the major new findings of the study and specifying what these findings add to what is known already.

Abbreviations can be used after defining them first.

The use of graphs, tables and images is strongly discouraged.

Please follow the following abstract formats (Times New Roman font):

INFLUENCE OF LASER IRRADIATION OF MELANOMA B16 AND BLADDER CANCER CELLS VITRO (CAPITALIZE THE COMPLETE TITLE, FONT SIZE 12)

Gasparyan L.V.¹, Brill G.E.², Makela A.M.³

(List the authors with family name first, followed by initials. Do not include professional titles or degrees.

The presenting author's name should be underlined. Font size 10)

1. EMRED Oy, Helsinki, Finland (Address for each author, font size 10)
2. Saratov State Medical University, Saratov, Russia
3. ABER Institute, Helsinki, Finland

Body of the abstracts should be no longer than 400 words, font size 10.

The different parts of the abstract - introduction, material and methods, results, conclusions - are to be typed in bold.

Name of the file submitted should start from the last name of the author and topic of the abstract. For example: **Gasparyan_melanoma.doc**.

Please provide full contact details for each of the author of an abstract as following:

Name

Address

Organization Affiliation

Title/Position

Work Phone / Home Phone

Email Address

This form is also available at www.laserhelsinki.com official site of the Laser Helsinki 2010 Congress

Please fill up online form or submit abstracts via e-mail as a Word (.doc) attachment to: info@laserhelsinki.com

Helsinki information and Social program (for accompanying people)

Helsinki is the capital and largest city of Finland situated in the southern part of the country by the Baltic Sea and Gulf of Finland. Helsinki, together with the neighbouring cities of Vantaa and Espoo, constitute the capital region with over 1,000,000 inhabitants. Helsinki is the administrative centre of Finland and also the centre of Finnish cultural life and business activity. There is a large and varied collection of museums, galleries, and performance spaces in the city.

Helsinki was founded in 1550 by King Gustav I of Sweden. For a long time it remained a small coastal town, overshadowed by the more thriving trade centres in the Baltic region. The construction of the Suomenlinna fortress helped improve its status, but it was not until Russia annexed Finland as the autonomous Grand Duchy of Finland in 1809 that Helsinki began to develop into a major city. After moving capital to Helsinki, city saw unprecedented growth and development. This transformation is highly apparent in the downtown core, which was rebuilt in neoclassical style to resemble St. Petersburg (Russia).

The role of Helsinki as a capital increased even more after Finland became independent in 1917. Now Finland is one of the member states of the European Union. The local currency is Euro.

Carl Ludvig Engel (1778-1840) designed several neo-classical buildings in Helsinki. He was kept in Helsinki by a unique assignment, as he was elected to plan a new city centre all on his own. The city became shallow and wide at the time when most buildings had only two or three floors. The central point of Engel's city plan is the Senate Square, surrounded by the Government's Palace, the main building of the University, and the enormous Cathedral, which was finished in 1852.

Cultural program includes tour of the central historic part of the city, including walk on the Senate Square and Cathedral, market square and the biggest Orthodox church in Western Europe, Uspenski Cathedral (built in 1862-1868).

Another tour options, if there are enough participants, is to visit Suomenlinna castle, as well as to visit to Korkeasaari, the Helsinki zoo island.

Hotels and accommodation

Laser Helsinki 2010 Congress will take place in the Paasitorni Congress Centre, which is located in the central area of Helsinki.

The official hotel of the Congress, **Hilton Helsinki Strand**, offers special rates for congress participants during the congress, starting from 97 Euro per night for a single room and 107 Euro per night for a double room, including breakfast and taxes.

Take note, only limited number of rooms is available. For more details please visit www.laserhelsinki.com/en/accommodation.html.

Hilton Helsinki Strand

John Stenbergin ranta 4
Helsinki 00530, FINLAND
Tel: +358-9-39351
Fax: +358-9-3935-3255
Web: www.hilton.com



There are several other hotels within the walking distance from the Paasitorni Congress Centre. The closest one is Hotel Cumulus Hakaniemi. It will take 5-10 min to walk from Hotel Arthur or Hotel Cumulus Kaisaniemi to the Congress venue.

Exhibition and Sponsorship

The Congress will provide the perfect forum for companies actively involved in the industry to promote their organisations through the various forms of sponsorship and exhibition opportunities.

For further details on the Exhibition and Sponsorship Packages please contact the Organizing Committee info@laserhelsinki.com.

Paasitorni Congress Centre

The building of Paasitorni Congress Centre boasts cultural and historical value, and provides an inspiring, memorable setting for small-scale meetings and major conferences alike.



The gem of Paasitorni, the Congress Hall, is an ideal venue for special occasions and conferences of up to 800 people.

Almost 30 conference rooms and lobbies of the Paasitorni Congress Centre are providing ideal opportunities to organize different congresses, conferences and exhibitions.



Siltasaari Hall seats 200 people and is suitable for meetings, exhibitions and cocktails alike. The Juho Rissanen room is designed for events of up to 120 people and it is also an ideal venue for exhibitions.

The Tarja Halonen Room is ideal for meetings and lectures for up to 70 people. Number of smaller rooms and libraries can be used for group discussions and meeting.

Address:
Helsinki Congress Paasitorni
Paasivuorenkatu 5 A
00530 Helsinki
Finland

Destination Helsinki



Coat of arms of Helsinki

Plane

Helsinki 's airport is 19 km north of the city, in Vantaa. There are flights to Helsinki from the USA, Europe and Asia. Finnair, Scandinavian Airlines and many other carriers offer international as well as domestic services, with flights to 20 Finnish cities at least once a day. Departure tax is included in the airfare price.

The cheapest public transport option to the city centre from the airport is the regional bus 615, which takes around 40 minutes and costs €3.60 to the Central Railway Station in the heart of Helsinki. The national airline Finnair operates its own bus which also offers direct service to city centre for €5.20 and is slightly faster (and more comfortable) than the regional bus. Taxis to the centre cost about €30, although the shared Airport Taxi mini-vans start from €2.

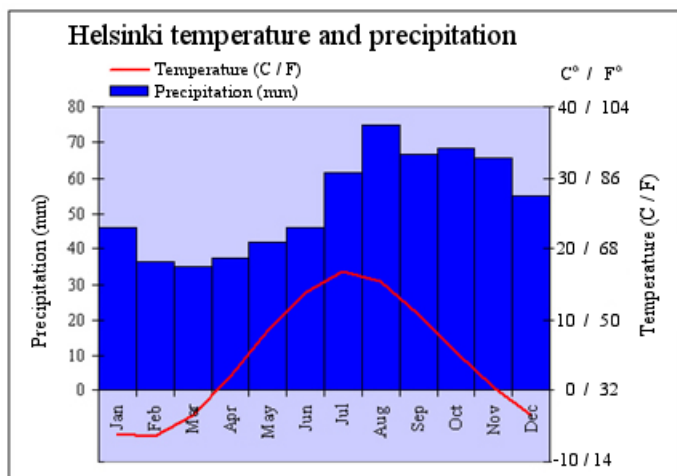
Train

Trains run from Finland to Sweden or Russia. The train station is in the city centre and is linked by pedestrian tunnel with the metro system. Helsinki is the terminus for three main railway lines, with regular trains from Turku in the west, Tampere in the north and Lahti in the northeast. There is a separate ticket counter for international trains, including those to St. Petersburg and Moscow (Russia).

Ferry

International ferries travel to Stockholm (Sweden), Tallinn (Estonia), and Travemünde and Lübeck (Germany). There is also a catamaran and hydrofoil service to Tallinn. Of the five ferry terminals in the city, four are just off the central market square. Ferry tickets may be purchased at the terminal, from a ferry company's office in the centre or in some cases from the city tourist office.

The Climate in Helsinki



The city has a continental climate.

Helsinki enjoys very long days in summer, eighteen hours at the summer solstice. The temperature June through August is around 18-25 °C.

Map of the central areas of Helsinki



Official hotel:

Hilton Helsinki Strand

John Stenbergin ranta 4
Helsinki 00530, FINLAND
Tel: +358-9-39351
Fax: +358-9-3935-3255
Web: www.hilton.com



Congress Venue

Helsinki Congress Paasitorni

Paasivuorenkatu 5 A
00530 Helsinki, FINLAND
Tel: +358-9-7089-611
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Organizing committee:

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See you soon in Helsinki!