

PRELIMINARY CONGRESS PROGRAM

28th of June, Thursday

18:00- 20:00- Welcome drink

29th of June, Friday

CONFERENCE ROOM 1 (Mimoza I)

BASIC SCIENCE

Chairmen: Tiina Karu, Russia
Herbert Klima, Austria

Welcome speech from the congress president Zlatko Simunovic, MD,FMH ass.prof and program chairman Kresimir Simunovic

8:10- 8:45- Bahr Frank, Germany: Energy as Medicine - The energy

8:45- 9:25- Herbert Klima, Austria: Holistic medicine

9:25- 10:25- Tiina Karu, Russia: Cellular and molecular mechanisms of phototherapy with red to near infrared light

10:25-10:45- Coffee break

10:45-11:25- Hans Romberg, Germany: Basics: what is the difference between laser light and LED? Which properties may be important for medical usage of both? What is power, power density, dose, absorption, penetration depth, etc., and how do these influence possible treatments?

11:25-11:55 – Hans Romberg, Germany: Is there really a threshold observed in LLLT? Is there a threshold based on quantum physics? A simple model for the biphasic dose-effect relation observed in LLLT

11:55-12:30- Hans Romberg, Germany: Physical constraints for the use of frequency modulation in laser blood irradiation in human and non-human animals

12:30- 14: 00 - Lunch break /Industrial exhibition

DERMATOLOGY

Chairmen: Jasmina Kozarev, Serbia
Lidija Volovec, Slovenia

14:00-14:20- Lidija Volovec, Slovenia: Skin rejuvenation with fractionated ablative ER:YAG laser

14:20- 14:35- Lidija Volovec, Slovenia : Fotona lasers in aesthetic medicine practice- An overview

14:35- 15:00- Jasmina Kozarev, Serbia: Laser treatment of scarring skin disorders

15:00- 15:30- Nicolette Houreld, Heidi Abrahamse, South Africa: Irradiation at 660 and 830 nm stimulates collagen production in diabetic wounded human skin fibroblast cells

15:30- 16:05- Borring Andre (Portugal): Laser Removal Tattoo – the possibilities

16:05-16:30 – Coffee break

16:30- 16:55- Zlatko Šimunović, Switzerland: Herpes virus infection-Photobiostimulation (LLLT) applied as mono therapy in treatment of human pathogen herpes virus

16:55- 17:15- Zlatko Šimunović, Switzerland : Low level laser therapy (LLLT)-photobiostimulation applied as mono therapy or complimentary therapy with antibiotic in treatment of acne vulgaris

CONFERENCE ROOM 2 (Mimoza III)

SURGERY AND GYNAECOLOGY

Chairmen: Isaac Kaplan ,Israel
Toshio Ohshiro , Japan

8:15- 8:45- Isaac Kaplan ,Israel: Four decades of Laser surgery

8:45- 9:05- Toshio Ohshiro ,Japan : History of Japanese Society for Laser Reproduction (JaSLaR)

9:05- 9:25- Mario Zambelli, Croatia: Surgical versus laser therapy of facial

9:25- 9:40- Francisco Diaz-Yanes, Spain: Intersphincteric approach for fistula in ano 135 cases

9:40-9:55- Francisco Diaz-Yanes, Spain: Laser Hemorrhoidectomy 1500 cases

9:55- 10:10- Francisco Diaz-Yanes, Spain: New Selective Laser Induced Melting (SLIMLIPO LASER) for lipodistropia and Hiperhidrosis

10:10-10:30 – Coffee break

10:30 – 11:00 - Heidi Abrahamse, South Africa: Potential use of low intensity laser irradiation in stem cell therapy

11:00- 11:30- Rochkind, Shimon, Izrael: Effectiveness of Laser Phototherapy for Peripheral Nerve Recovery and Related Motor Function

11:30- 12:00- Ratimir Lazić, Croatia : Laser photocoagulators in ophthalmology

12:00- 13:30- Lunch break / Industrial exhibition

ONCOLOGY

Chairmen: Thomas J.Vogl, Germany
Farouk Al-Watban, Saudi Arabia

13:30- 13:50- Farouk Al-Watban, Saudi Arabia : Laser Biomodulation of Normal and Neoplastic Cells

13:50- 14:20- Thomas J.Vogl, Germany: Laser-induced thermotherapy (LITT) versus microwave ablation (MWA) versus radiofrequency ablation (RFA): Technique and results in primary hepatocellular carcinoma (HCC) and liver metastases

14:20- 14:50- Thomas J.Vogl, Germany: Laser-induced thermotherapy (LITT) versus microwave ablation (MWA) versus radiofrequency ablation (RFA): Technique and results in primary and secondary lung cancer

14:50- 15:10 - Zdenko Tudman, Vedran Ostojić, Croatia: Laser therapy in tracheobronchial diseases- Twenty five years experience

15:10- 15:30- Krishna Rau, India: Endo Bronchial Laser Therapy in Airway obstruction

15:30- 15: 50- Coffee break

15:50- 16:20-Hofstetter Alfons , Germany : Photodynamic therapy by carcinome of prostate (experimental reasearch)

16:20- 16:40 - Eric Jadaud, France: Low level laser therapy in the management of oral mucocitis

ENT

Chairmen: Lutz Wilden, Austria
ChungKu Rhee, Korea

16: 40- 17:05- ChungKu Rhee, Korea: Cochlea Hear Cell Rescue after a Noise-Induced Hearing Loss using a Low Level Laser

17:05- 17:25- ChungKu Rhee, Korea: The optimal time to treat noise-induced hearing loss (NIHL) with low level laser therapy

17:25- 18:00- Lutz Wilden, Austria: The absorption behaviour of oxygen and the mitochondrial energy transfer-the importance of electromagnetic radiation,

30th of June, Saturday 2012

CONFERENCE ROOM 1 (Mimoza I)

SYMPOSIUM ON COMPLIMENTARY AND INTEGRATIVE LASER MEDICINE

Chairmen : prof. dr. Gerhard Litscher, Austria
dipl.chem. dr. Michael Weber, Germany

08:30 – 08:35- Welcome & Opening of the Symposium (Prof. DDr. Gerhard Litscher)

08:35 – 08:40- Welcome address from the Honorary President of EMLA (European Medical Laser Association), Prof. Dr. Zlatko Simunovic

08:40 – 08:45 - Welcome address from the President of ISLA (International Society for Medical Laser Applications), Dipl.Chem. Dr. Michael Weber

Keynote Lectures

08:45 – 09:25 - Theoretical aspects to laser acupuncture (Dr. Hans Romberg, Stutensee, Germany)

09:25 – 10:05 - Laser Acupuncture – A general overview and new aspects from transcontinental research studies (Prof. DDr. Gerhard Litscher, Graz, Austria)

10:05 – 10:30 - Coffee break

10:30 – 10:50- Interstitial and intraarticular laser therapy – a new option for difficult pain syndromes and advanced osteoarthritis (Dipl.Chem. Dr. Michael Weber, Göttingen, Germany)

10:50 – 11:10 - The intravenous laser blood irradiation, a new therapeutic approach in immunology, metabolic and cardiovascular diseases and cancer therapy (Dipl.Chem. Dr. Michael Weber, Göttingen, Germany)

Workshops

11:10 – 12:25 - Presentation and practical demonstration to integrative laser medicine (Dipl.Chem. Dr. Michael Weber, Göttingen, Germany)

12:25 – 12:30- Summary and closing remarks of the Symposium Complementary and Integrative Laser Medicine (Prof. DDr. Gerhard Litscher, Graz, Austria, and Dipl.Chem. Dr. Michael Weber, Göttingen, Germany)

12:30- 14:00 - Lunch break / Industrial exhibition

CONFERENCE ROOM 1 (Mimoza I)

COMPLIMENTARY MEDICINE AND LASER ACUPUNCTURE

Organization: Draga Marti-Mijic, MD, Switzerland

14:00-14:30 Prof.Peter Marti, Dr.med.Draga Marti : New aspect of Low Level Laser Therapy on patients with Rhynitis allergica, Asthma bronchiale and Eczem (Thun, Switzerland)

14:30-15:00 Dr. med. Franz Jost : Treatment over the connection of the energy levels with the laser (Lugano, Switzerland)

15:00-15:30 Dr. med. Christoph Scholtes : Treatment of chronic diseases with RAC-controlled accupuncture (Biel, Switzerland)

15:30-16:00 Dr. med. Sandi Suwanda : Yang in Yang (Zürich, Switzerland)

16:00-16:15 Coffee break

16:15-16:45 Dr. med. Lothar Roth : Treatment approach on burn-outs - possibilities and borders of the TCM therapy (Bern, Switzerland)

16:45-17:15 Dr.med.Peter Aluani : Pain syndromes ,hearing loss and Low Level Laser therapy - studies and case report (Graz, Austria)

17:15-17:45 Dr. med. Andreas Wirz - Energy supply - no adjustment between Yin and Yang - but real adjustment of photons into the bloodcycle (Basel, Switzerland)

17:45-18:15 Dr.med.D.Marti Mijic ,Prof.P.Marti - Low Level Laser treatment on patients with low back pain. (Switzerland Thun)

18:15-18:30 Summary and closing remarks of the Symposium Complementary Medicine and laser acupuncture

CONFERENCE ROOM 2 (Mimoza III)

SYMPOSIUM ON LASER ASSISTED DENTISTRY-STATE OF THE ART

Organization: Kresimir Simunovic, DMD, MSc Switzerland

Morning lectures program (8,00-13,00)

08:00 – 08:45 - Opening of the „Laser assisted dentistry “ symposium- Welcome to speakers and participants, announcements, Simunovic Kresimir, DMD, MSc (Switzerland) : how laser assisted dentistry changed the quality of my professional life ... basics and topics.

08:45h – 09:45h - Moritz Andreas Prof., DMD (Dean of the Dental Institute of the University of Vienna): Laser assisted dentistry : state of the art...one analysis for today and one for the future..
09:45- 10:15- Simunovic Kresimir, DMD, MSc (Switzerland) : Twilight Periodontal Treatment : new protocols for closed or open treatment of gingivitis, periodontitis, peri-mucositis and peri-implantitis involving Er:YAG, Nd.YAG and Diode, with accents on new ways of aPDT and PAD.
10:15 – 10:30- Coffee break
10:30h – 11:00- Simunovic Kresimir, DMD, MSc (Switzerland) : Twilight Endodontic Treatment : an innovative combination of Er:YAG and Nd.YAG for a long term successful endodontic treatment.
11:00h – 11:45- Vieru-York Rozana DMD (USA): Laser and Periodontal Disease
11.45h - 12.30- Simunovic Kresimir, DMD, MSc (Switzerland) : Er:YAG als Teamleader in oral soft- and hard tissue surgery : new aspects about pulse durations in combination of power and their impact on oral tissue.
12.30h - 13.00- Simunovic Kresimir, DMD, MSc (Switzerland) : laser assisted bleaching : three wavelengths (Er:YAG, Nd:YAG and Diode), two Chromophores, one goal.
13:00h – 14:00- Lunch break / Industrial exhibition
Afternoon Workshops (14,00-18,00) – CONFERENCE ROOM X
14:00h – 15:15- Simunovic Kresimir, DMD, MSc (Switzerland) : Indications and practical use of the new protocols for closed or open treatment of gingivitis, periodontitis, peri-mucositis and peri-implantitis involving Er:YAG, Nd.YAG and Diode, including different applications of aPDT and PAD.
15:15h – 16:30- Vieru-York Rozana DMD (USA): Holistic Aproach to Laser Dentistry
16:30h – 16:45- Coffee break
16:45h – 18:00- Simunovic Kresimir, DMD, MSc (Switzerland) : Er:YAG in oral soft- and hard tissue surgery : practical use with modulations of pulse duration, power- and energy densities and ops on both hard and soft tissue.

CONFERENCE ROOM 2 (Mimoza III)

RHEUMATOLOGY AND PHISIO THERAPY

Chairmen: Anne Harila, Norway
Olivera Ilić-Stojanović, Serbia

14:00- 14:30- Constantin Ailiaoae, Laura Ailiaoae, Romania: Photobiomodulation and Self-organization in Immune-Mediated Inflammatory Diseases

14:30- 15:00- Constantin Ailiaoae, Laura Ailiaoae, Romania: Intravenous Laser Blood Irradiation and Biological Agents in Juvenile Arthritis

15:00-15:20- Olivera Ilić-Stojanović, Serbia: The importance of choice of radiation parameters and application site for the efficiency of laser therapy in musculoskeletal disorders

15:20- 15:40- Anne Harila, Norway: LLLT-for Scoliosis

15:40- 16:00- Coffee break

16:00-16:25 - Jadranka Lučin, Croatia: Cervical syndrom and neck pain treatment

16:25- 16:50 - Jadranka Lučin, Croatia: Treatment of achilles tendinosis

16:50- 17: 10- Dean Mistura, Croatia: Treating overuse injuries in athletes with laser: Our experience

17:10- 17:30- Tatjana Stakić, Croatia : Treatment of painful shoulder syndrome (periarthritus humeroscapularis)

1st of July 2012, Sunday

CONFERENCE ROOM LAVANDA I

**ROUND TABLE DISCUSSION WITH CHAIRMEN
GENERAL ASSEMBLY OF EMLA (European medical laser association)**

8:00- 11:00 . Discussion with chairmen: questions and answers

11:00- 13:00- General Assembly of EMLA
Celebration of 30 years anniversary of EMLA