

Evropski centar  
za mir i razvoj  
Terazije 41  
11000 Belgrade, Serbia

ECPD Headquarters

European Center  
for Peace and Development  
Centre Européen  
pour la Paix et le Développement  
Centro Europeo  
para la Paz y el Desarrollo  
Европейский центр  
мира и развития



University for Peace established by the United Nations

Belgrade, 2 October 2018

**European Center for Peace and Development (ECPD) of the University for Peace established by the United Nations** has the honour to inform you that, in the framework of the ECPD International Program of Transfer of Knowledge System in the field of biomedical and medical sciences, we organize

## ECPD SPECIALIST SEMINAR

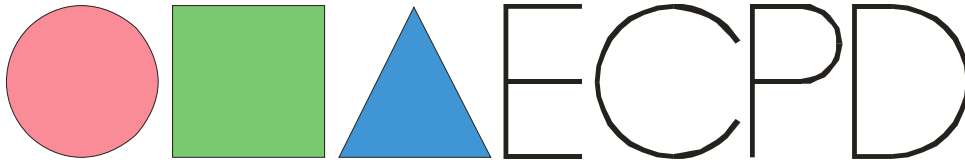
# LASER THERAPY

(Belgrade, 7 – 8 December 2018)

The seminar is designed for specialist training of **doctors, dentists, and physiotherapists with a higher vocational diploma** for the use of low power laser for therapeutic purposes. Program includes the following topics:

- **Laser beam characteristics**
- **Types of lasers**
- **Biological effects of laser**
- **Application of low power laser in medicine**
- **Reflex-therapy and laser-puncture**
- **Application of laser in physical medicine**
- **Application of laser in sport medicine**
- **Application of laser u dermatology**
- **Application of laser u rheumatology**
- **Application of laser in dental medicine**
- **Application of laser with neurological diseases**
- **Treating wounds with laser**
- **Introducing techniques of work and practical training for the use of low power laser**
- **Bioptron light therapy**

Director of the Seminar is **Prof. Dr. Milica Lazović**, Faculty of Medicine, University of Belgrade and Rehabilitation Institute in Belgrade. The lectures will be delivered by reputed experts in this field.



## Organisation of the Seminar

The curriculum of the Seminar includes theoretical lectures and practical training for the use of laser for therapeutic purposes.

ECPD will provide participants of the Seminar with appropriate literature and teaching materials to help them follow the lectures effectively. In order to enable participants to master the lectures successfully, ECPD will provide simultaneous translation.

## Certificate

Based on the participation in the lectures and acquired knowledge and skills during the Seminar, participants will receive internationally valid Certificate of the ECPD University for Peace established by the United Nations.

## Application for participation and participation fee

**Participation fee** for the Seminar is **EUR 250**.

An application, together with a copy of the Diploma of the Faculty of Medicine or the Faculty of Dental Medicine should be delivered to the following address: European Center for Peace and Development (ECPD) University for Peace UN, Terazije 41, 11000 Belgrade, Serbia; Fax: +381 11 3240-673; E-mail: [ecpd@Eunet.rs](mailto:ecpd@Eunet.rs) and [office@ecpd.org.rs](mailto:office@ecpd.org.rs); [www.ecpd.org.rs](http://www.ecpd.org.rs)

**The seminar will be held in the mentioned term, provided that sufficient number of participants has applied for participation. Otherwise, the Seminar will be postponed.**

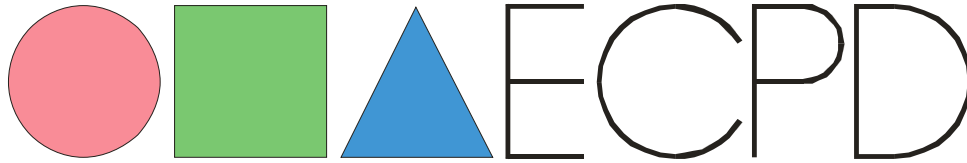
We are looking forward to receiving your application and welcoming you at the Seminar.

Yours sincerely,

SEMINAR DIRECTOR  
(Prof. Dr. Milica Lazović)

DIRECTOR OF ECPD BIOMEDICAL  
AND MEDICAL STUDIES  
(Academician Vladimir Kanjuh)





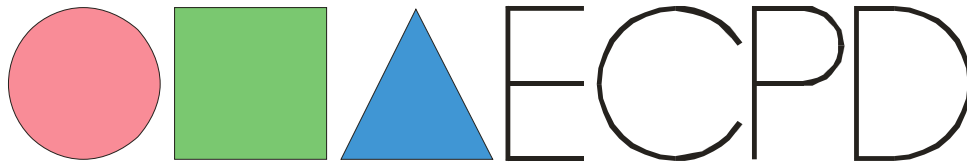
## ECPD SPECIALIST SEMINAR

# LASER THERAPY

## PROGRAM

### Day One

|               |   |
|---------------|---|
| 08:30 – 09:00 | <b>Registration of participants</b>   |
| 09:00 – 09:30 | <b>Opening of the Seminar</b>   |
| 09:30 – 11:00 | <b>Biophysics of lasers</b><br>Definition of laser<br>Sources of laser<br>Types of lasers<br>Properties of laser light<br>Regime of work  |
| 11:00 – 11:15 | <b>Break</b>  |
| 11:15 – 12:45 | <b>Biological effects of laser therapy</b><br>Primary effects (biochemical, bioelectrical and bioenergy effects)<br>Secondary effects (stimulation of microcirculation and stimulation of cell metabolism)<br>Therapeutic effects (analgesic, anti-inflammatory, anti-oedematous and bio-stimulation effects) |
| 13:00 – 14:30 | <b>Dosage principles</b><br><b>Harmful effects of laser therapy</b><br><b>Indications for laser therapy</b>   |
| 14:30 – 15:00 | <b>Break</b>  |
| 15:00 – 16:30 | <b>Practical training</b><br>Work techniques<br>Review of the treatment protocols<br>Preventive measures against damage caused by laser   |
| 16:30 – 16:45 | <b>Break</b>  |



16:45 – 18:15

**Laser therapy of osteoarticular system**

Programme for the treatment of degenerative  
rheumatic diseases  
Programme for the treatment of inflammatory  
rheumatic diseases

18:15 – 19:00

**Practical training**

Programme for the treatment of osteoarticular system

**Day Two**

08:00 – 09:30

**Post-traumatic conditions and laser therapy**  
**Sport medicine and laser therapy**  
**Laser therapy and ear, nose and throat diseases**

09:30 – 09:45

**Break**

09:45 – 11:15

**Practical training**

11:15 – 11:30

**Break**

11:30 – 13:00

**Application of lasers in dental medicine**  
**Skin diseases and laser therapy**  
**Laser therapy in treating wounds**

13:00 – 14:30

**Break**

14:30 – 15:15

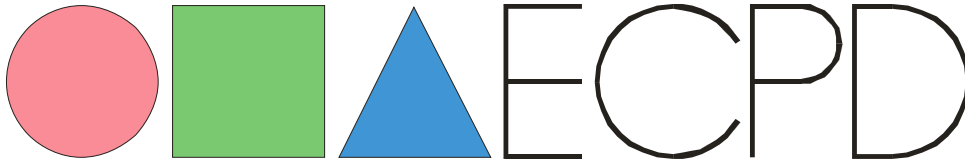
**Practical training**

15:30 – 17:00

**Round table with panel discussion**  
**Practical part of the examination**

17:30 – 18:00

**Closing remarks**  
**Delivery of the international ECPD UN Certificates**



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UNIVERSITY FOR PEACE ESTABLISHED BY THE UNITED NATIONS

## ECPD SPECIALIST SEMINAR

# LASER THERAPY

(Belgrade, 7 – 8 December 2018)

## APPLICATION FORM

1. First and last name \_\_\_\_\_

2. Qualifications \_\_\_\_\_

3. Specialty \_\_\_\_\_

4. Organisation (name, address, postal code, place, telephone, fax) \_\_\_\_\_

\_\_\_\_\_

5. Job or position \_\_\_\_\_

\_\_\_\_\_

6. Contact address (if different from above-specified) \_\_\_\_\_

\_\_\_\_\_

7. Telephone \_\_\_\_\_

Fax \_\_\_\_\_ E-mail address: \_\_\_\_\_

The Application Form should be delivered to the European Center for Peace and Development (ECPD) of the University for Peace established by the United Nations, Terazije 41, 11000 Belgrade; Fax: +381 11 3240 673, 3234 082; E-mail: [ecpd@EUnet.rs](mailto:ecpd@EUnet.rs) and [office@ecpd.org.rs](mailto:office@ecpd.org.rs)

The participation fee should be paid through ECPD account. Regarding the payment instructions and issuing of pro-forma invoice, please contact ECPD Financial Department: Tel: +381 11 3246 041; E-mail: [ecpd@EUnet.rs](mailto:ecpd@EUnet.rs) and [office@ecpd.org.rs](mailto:office@ecpd.org.rs)

**Note: A copy of your Faculty diploma must be delivered!**

Place and date: \_\_\_\_\_

Applicant: \_\_\_\_\_