

## Lectures given in English:



### Friday, 20.09.2019

10:30 – 11:30      **Ergonomics in dentistry – the solved paradigm**  
Saana Hakala

Ergonomics in dentistry has been widely agreed as problematic. However, recent studies and clinical experiences shows, that ergonomics can be at high level, if the environment enables it, and the person is aware of how to benefit from the environment. This lecture is based on science and knowledge of functional anatomy, and gives a concrete demonstration along with the arguments of how to promote ergonomics in clinical work.

12:00 – 13:00      **Dental Team and Practice Quality Management Challenge of the Twenties**  
Edoardo Cavalle

The Dental Team and practice management with the existing new technologies will become part of the major change and challenge of incoming future. Well educated and trained professionals of Dental Team in a settled quality track management will be not enough if they don't integrate with new skills and tasks. Learning from the past speedy to the future, larger practices will be able to afford more expensive equipment and need extended administrative support too.

Practice management software will be deeply interfaced to all equipment in dental practice including professional partners, lab, suppliers, patients, insurances.

14:00 – 15:00      **Netflix vs Evidence Based Dentistry: White Paper on endodontic care**  
Gerhard Seeberger

**3.****Polish Dentistry  
Union Congress****Saturday, 21.09.2019**

**9:00 – 10:00      Laser-Assisted Management of Gummy Smile and Gingival Pigmentation  
by combined Aesthetic Facial and Periodontal Approach  
Walid Altayeb**

The popularity of smile enhancement therapy increased the rationale for dental aesthetic procedure to resolve excessive gingival display and to create a symmetrical and harmonious relationship between the gingival architecture, the mouth, and the surrounding facial structures. The supportive role that lasers have in esthetic dentistry has been documented for more than two decades.

The ability of dental laser to interact with oral tissues creates the opportunity for a minimally invasive periodontal surgery, allows for faster uneventful wound healing, prevents collateral tissue damage that could occur with conventional methods.

Conclusion: Laser-assisted aesthetic crown lengthening and gingival depigmentation are predictable procedure, less traumatic with shortened healing time, and overall a positive experience for the patients.

Learning Objectives:

- Understanding of the classification and treatment planning for gummy smile.
- Evaluate and compare the efficacy of three different laser wavelengths in removal of gingival pigments
- Demonstrating the both open-flap and flapless surgical techniques when performing esthetic crown lengthening with lasers.

**10:00 – 11:00      Biomimetic mineralization systems  
Frederic Meyer**

This lecture shows different biomimetic remineralization Systems used in preventive dentistry. While most toothpastes contain fluorides, biomimetic alternatives are needed. Biomimetic remineralization Systems are highly biocompatible and are not restricted up to a certain concentration. This lecture is for the dentists and dental specialists involved in prophylaxis and caries prevention. Biomimetic remineralization Systems in preventive oral care are of upcoming interest for Researchers, but also for clinicians. While most of the biomimetic remineralization Systems are based on different types of Calcium Phosphates (e.g. amorphous calcium phosphates or particulate hydroxyapatite), Studies and modes of action of biomimetic remineralization Systems in preventive oral care will be presented in this lecture.

The participant will learn the difference between biomimetic remineralization systems and fluoride Systems. The studies using biomimetic remineralization systems in the field of preventive oral care will be summarized and concluded for the participants. Advantages and Areas of application will be presented.