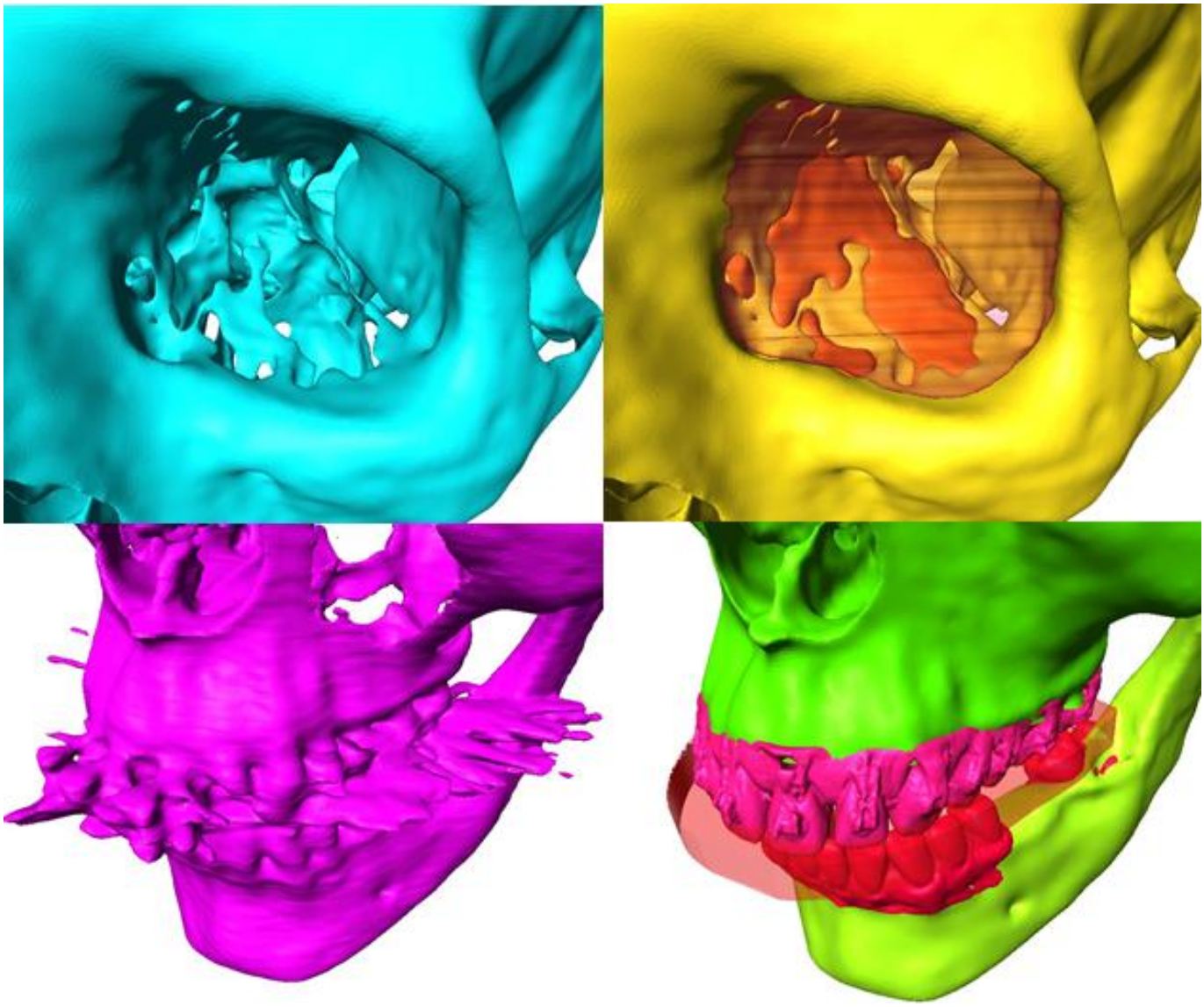
Preliminary Program

AOCMF Course - Principles of 3D Imaging, Image Computation and Surgical Planning

Sunday, September 21, 2014 Prague, Czech Republic



Welcome

It is our pleasure to announce and invite you to attend AOCMF Course - Principles of 3D Imaging, Image Computation and Surgical Planning as part of Clinical Priority Program on 'Imaging and Planning in Surgery'. The event offers surgeons an interactive course on the opportunities and possibilities that lie within 3D imaging modalities, image processing, rapid prototyping techniques and modern planning concepts. Benefit from diverse presentations, computer generated exercises exploiting basic technical skills and clinical case series.

AOCMF takes great pleasure in inviting you to participate. Details, hotel and travel possibilities can be found at the end of this invitation.

This course immediately precedes the XXII Congress of the European Association for Cranio-Maxillo-Facial Surgery (EACMFS).

We look forward to seeing you in Prague!

Chairperson

Westermark Anders
Åland, Finland

Course Director

Kamer Lukas
Davos, Switzerland

Faculty

Erdöhelyi Balazs	Szeged, Hungary	Schramm Alexander	Ulm, Germany
Gellrich Nils-Claudius	Hannover, Germany	Varga Endre jr	Szeged, Hungary
Kamer Lukas	Davos, Switzerland	Westermark Anders	Åland, Finland
Noser Hansrudi	Davos, Switzerland	Wilde Frank	Ulm, Germany
Rana Majeed	Hannover, Germany		

Learning Objectives

- Gain insight into cutting edge development in individualized patient care
- Understand 3D imaging technologies and their impact on diagnostic and therapeutic principles
- Obtain the foundation for implementing 3D technologies to improve your workflow in the clinical setting as well as in a research environment
- Learn the use of 3D imaging and image computation as well as surgical planning as supportive diagnostic technologies. For backing up clinical decisions and assessing patients before, during and after treatment.

Course Format

- Interactive course run by clinical and technical experts
- Key lectures on principles of 3D imaging, image processing, surgical planning and decision making, and the role 3D imaging in quality management
- Computer workstations with hands-on exercises in computational procedures on 3D imaging, image processing, modern software concepts for clinical applications and R&D
- Workshop with cutting edge 3D technologies like optical scanning and rapid prototyping technology manufacturing of patient specific implants
- Q & A session

Target Audience

This course is for all surgeons who have a practical interest in 3D image based technologies and those with little or no experience who want to understand the applicability of 3D imaging technologies. It is also open to surgeons with experience in the cutting edge technologies who want to foster their knowledge and gain insight into the latest 3D technology and its future aspects.

About The Breakout Sessions

Each breakout session runs by a clinical and technical expert. The sessions follow the same format: this includes a short overview lecture on the topic followed by a clinical study and hands-on computerized exercises including training of techniques. Course participants will be split into 4 groups, each group will be restricted to 12 participants to enable focused learning.

Breakout 1 - 3D imaging modalities and image computing
Leaders: HR Noser, B Erdöhelyi
- Overview lecture
- Clinical study – title tbc
- Hands-on exercises and techniques (details tbc)

Breakout 2 - Preoperative planning and surgical decision making
Leaders: M Rana, F Wilde
- Overview lecture
- Clinical study – Planning and surgical decision making
- Hands-on exercises and techniques (details tbc)

Breakout 3 - Interface technologies
Leaders: A Schramm, E Varga jr
- Overview lecture
- Clinical study – Prefabrication of mandible reconstruction plates
- Hands-on exercises and techniques (details tbc)

Breakout 4 - Role of 3D imaging in quality management
Leaders: NC Gellrich, L Kamer
- Overview lecture
- Clinical study – Tumor reconstruction midface/orbit
- Hands-on exercises and techniques (details tbc)

Sunday, September 21, 2014

TIME	AGENDA ITEM	
12:00	Welcome and introduction Summary of Breakout sessions	A Westermark
12:15-13:15	Breakout Sessions Group 1 - 3D imaging modalities and image computing Group 2 - Preoperative planning and surgical decision making Group 3 - Interface technologies Group 4 - Role of 3D imaging in quality management	Rooms:
13:15-14:15	Breakout Sessions Group 4 - 3D imaging modalities and image computing Group 1 - Preoperative planning and surgical decision making Group 2 - Interface technologies Group 3 - Role of 3D imaging in quality management	Rooms:
14:15-14:45	Coffee Break	
14:45-15:45	Breakout Sessions Group 3 - 3D imaging modalities and image computing Group 4 - Preoperative planning and surgical decision making Group 1 - Interface technologies Group 2 - Role of 3D imaging in quality management	Rooms:
15:45-16:45	Breakout Sessions Group 2 - 3D imaging modalities and image computing Group 3 - Preoperative planning and surgical decision making Group 4 - Interface technologies Group 1 - Role of 3D imaging in quality management	Rooms:
17:00	Wrap-up and outlook	A Westermark
17:30	End of the course	

Organization

AO Foundation
AOCMF
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Fees & Registration

Registration:	CHF 100
Early bird registration:	CHF 75 (before May 31, 2014)
Student registration:	CHF 25 (with proof of status)

(fee includes lunch and breaks during session

Places are limited to a maximum of 50 participants

Venue of the Course

Corinthia Hotel
Kongresová 1
Prague 4
140 69 Czech Republic
(opposite the Prague Congress Centre)
tel: +420 261 191 111
homepage: http://www.corinthia.com/hotels/prague/

General information

Accommodation
A full list of recommended hotels is available at http://www.eacmfs2014.com/
Please note due to a very large exhibition at this time, the distribution of rooms hotels will be very limited during this time and we urge you to make your hotel booking as soon as possible.

Airport
Prague International Airport handles flights of most European carriers and also overseas flights. It is located 30-45 minutes by car from the center of Prague. There is a good connection between the airport and city center by public transport and taxis. You can easily get to the city center using one of the public buses. For the quickest transport to the city center or the nearest metro station we advise using routes 119 and 100. Unfortunately there is no subway or train connection to the city.

Currency & Banking
Czech crown (CZK, Kč) is the official currency of the Czech Republic. Exchange of foreign currency is available at Prague international Airport and at most hotels, banks and exchange offices. International credit cards are accepted for payments in hotels, restaurants and shops. Payment in cash in EUR is also available in some restaurants and shops, please ask for details on-site.
You can find the official exchange rates on the website of the Czech National Bank at www.cnb.cz

Electricity
The Czech Republic uses a 220 volt 50 Hz system, sockets have the European standard and plugs are three-prong grounded.

Entry Formalities
All foreign visitors to the Czech Republic must possess a passport valid for at least the next three months. Participants requiring a visa should apply in advance to consular offices of the Czech Republic or diplomatic missions in their countries in order to avoid delay when travelling to the conference.

Time Zone
The Czech Republic is on Central European Time - Greenwich Mean Time (GMT) plus 1 hour. From April to October is summer time, i.e. GMT + 2 hours.

Transportation in Prague
Prague has a good public transport system, which includes 3 metro lines, trams and buses. Prague's Metro system is quite new and efficient. During peak hours trains run every 1 or 2 minutes and off peak at least every 10 minutes. Passengers need a valid ticket to travel on the city public transport system. The ticket must be stamped as soon as you get on a bus or tram, or enter the transport area (in the case of a metro station). Tickets can be purchased in automatic machines at each metro station, at surface transport stops or at newsstands. Please note that you need to mark the ticket when you enter the metro / tram / bus for the first time.

Tickets:
24 CZK (valid for up to 30 minutes, transferable)
32 CZK (valid for up to 90 minutes, transferable)
1 day pass - 110 CZK
3 day pass - 310 CZK
You can find public city transport routes, ticket prices and timetables at www.dpp.cz

Weather
The temperatures in September range from 10 to 20 °C. You can find the current weather conditions at www.weather.com

Course information

Intellectual property
Course materials, presentations, and case studies are the intellectual property of the course faculty. All rights are reserved.

Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.

Security
Security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, conferences, workshops, and Breakout 4iscussions.

No insurance
The course organization does not take out insurance to cover any individual against accidents, thefts or other risks.

Mobile phone use
Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

This course will be submitted for European CME accreditation.

Links

EACMFS 2014
XX12 Congress of the European Association for Cranio-Maxillofacial Surgery
September 23–26, 2014, Prague Congress Center
www.eacmfs2014.com