

2017 JCEG IX Meeting



Overview

[Toni Magni](#) introduces the group to the Blockchain concept. Discussed how to move forward with AAOF Legacy Collection. [Ken Gladstone](#) talks about 3D superimposition averaging and new Dolphin v 11.8 features.

The purpose of J.C.E.G. is to map out a plan for the transition from 2D cephalometrics to 3D cone beam imaging AND 3D models for assessment of orthodontic outcomes, as well as diagnosis and treatment planning.

We will present novel quantitative tools based in 3D Shape Analysis to evaluate the Temporomandibular Joints and measure tooth movement. Working under the Dental and Craniofacial Bionetwork for Image Analysis, funded by NIDCR/NIBIB R01 DE024450, we have developed open-source software for diagnosis, treatment planning and assessment of outcomes of orthodontic, orthopedic and surgical treatments. The open source tools allow clinicians and researchers to measure bone and dental changes, after registration relative to anatomical structures of interest. Participants are required to bring their laptops to take full advantage of the hands-on workshop.

Please see child pages for individual meeting notes/minutes, and make any modification to the text you deem necessary.

Attendance

member	meeting presence	E-mail address
Mark Hans	LOCAL	
Martin Palomo	LOCAL	
Ken Gladstone	LOCAL	

Information

Date	2017-02-15 to 2017-02-17 (Click here for date Poll)
Type	Physical
Location	Cleveland, OH
Tickets	https://www.eventbrite.com/e/joint-cephalometric-experts-group-meeting-2017-tickets-29985418193?aff=estw

Agenda

Wed Feb 15th

- Software Course with Lucia Cevitanes and team 1pm to 5pm
- 7pm Dinner at Night Town to finalize Agenda

Thursday Feb 16th Start at 9am

1. Superimposition
2. 3D Morphologic Standards

Franco Magni	LOCAL	
Carla Evans	LOCAL	caevans@uic.edu
Toni Magni	LOCAL	amagni@topsOrtho.com
Sean Curry	VIRTUAL	

3. Intra-Oral Scanning
4. 3D Printing
5. Face Scanning
6. Database of 3D CT images
7. Emerging Technologies- Smartphone monitoring of tooth movement.

Friday 9am to noon-

- Meeting Summary
- Adjourn Noon on Friday.
- Pre_JCEG Workshop: Slicer - Open-source Software- Wednesday Feb 15th 1PM to 5PM

Attachments and relevant material



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