

Minute - Tcon

**MEETING
NAME**

WG-24 continuity of current work items

**MEETING
PLACE/DIAL
IN**

Please note the changed virtual conference room. We are now using Zoom.

Christian Kücherer invites you to a planned DICOM WG 24-meeting in Zoom.

Join Zoom-Meeting

<https://us02web.zoom.us/j/86861460385?pwd=aFFoZmhlbkRSNnRZTURXNkITMFNhQT09>

Meeting-ID: 868 6146 0385

PIN: 654958

Telephone Access

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Search for orhter telefon access points: <https://us02web.zoom.us/j/86861460385?pwd=aFFoZmhlbkRSNnRZTURXNkITMFNhQT09>

DATE & TIME Tuesday 2020, Oct. 13. 10:00AM ET: UTC -5:00, Eastern Time (USA&Canada):

**PRESIDING
OFFICERS**

Reutlingen University, Oliver Burgert, Chair

**VOTING
MEMBERS
PRESENT**

VISUS

Marc Kaemmerer

**VOTING
MEMBERS
ABSENT**

Catts Inc.

Hagar, Mark

Philips

Medema, Jeroen

Suarez Mejias, Cristina

Virgen del Rocio University Hospital

OTHERS

Echopixel

Ron Schilling

ICCAS Leipzig	Richard Bieck
LOCALITE GmbH	Sven Arnold
Technical University of Munich	Regine Hartwig
Staten Island University Hospital	Leonard Berliner
IRCAD	Flavien Bridault
IRCAD	Laurent Launay

DICOM Carolyn Hull, Christian Kücherer
SECRETARIAT

1 OPENING ITEMS

- Call to order: The meeting was called to order. Staff recorded attendance and confirmed a quorum is present.
- NEMA Antitrust rules and DICOM Patent Policy: Staff reviewed the Guidelines for Conducting NEMA Meetings.

2 REVIEW AND APPROVE AGENDA

The agenda will be reviewed. The agenda was sent on 6.10.2020; no additions

3 REVIEW MINUTES

The minutes of the previous meeting 2020-09-02 were reviewed and approved.

4 TOPIC ITEMS TO BE DISCUSSED

- Process for updating current WG-24 roster
no news yet; work will start.
- Process to become a voting member. Please see:
dicom.nema.org/dicom/handbook/Working_Groups/How_to_Join.doc

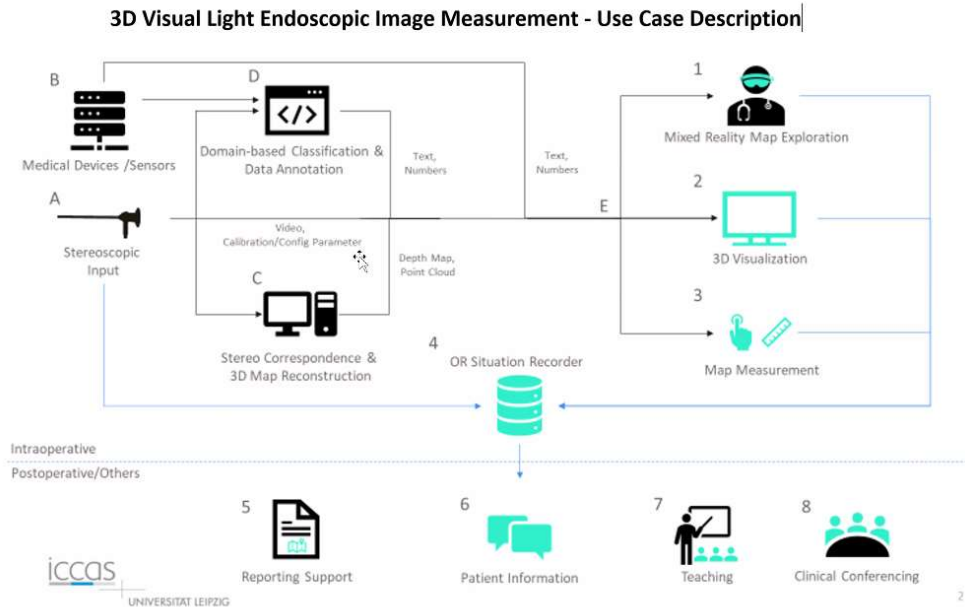
We are calling the participants of this meeting to consider to become a voting member. This will give us more chances to progress with the WG-24 work.

- Proposal for a new work-item proposal: 3D Video localization

We continue on the Work Item Proposal presented by Marc Kämmerer (VISUS) in the past. Request_Workitem_Proposal_DICOM_RTV_3D_Part1_VISUS.pdf (see <ftp://d9->

Visus had added some use cases, now present by Richard Bieck.

- 3D Visual Light Endoscopic Image Measurement – Use Case Description
- Identification of 8 use cases.



- Distinction of intraoperative and postoperative use cases, standard recording of surgical outcome. Reach of landmark with endoscope. Use case description is starting point for supplement. Currently focus on the measurement aspect. The WG might not deal with all use cases; also interesting for other WGs.
- Data-structure. Point Clouds currently are in DICOM, but depths map based information not yet. For the selected use cases there are yet deficits in the DICOM Standard. We need to make clear, what the standard committee needs to do/decide on. Swim through the 3D space. Tracking a catheter in open 3D space is state of the art. GE should also attend this meeting. Open the door to DICOM objects. Purpose of WG24 is to develop a roadmap of DICOM objects for research groups. Idea: Give the means to build any application later on. Data structures need to be defined. Flavien made a good proposal for surgical documentation.
 - All participants agree on pushing the work item proposal forward.
- DICOM structured report for laparoscopic cholecystectomy (Flavien Bridault, Strasbourg)
 - Current problems: Regulation&data privacy, data logistics, annotated data, finding the 'right' apps. Project 'condor' to connect medical data, smart applications and machine learning algorithms.

- Current contributions: ip tv, annotated database, video platform, ontology and semantics and AI,
- Separated control room to supervise the operation. Need for automated operation note. Combine data, medical findings and annotations.
- (Images, HIS, Video, Signals) are used for live guidance, control tower and for PACS. Link to nomenclature codes like SNOMED and LOINC.
- Current documentation is done in excel, which is not the right way to do it.
- Fits very well within WG 24; surgical documentation is a high-interest topic. Nice to have the annotations within a PACS. DICOM structured reports are the source to question. The operation documentation would be a consumer (in terms of IHE) of the working item proposal. Flavien and Laurent are willing to work on this topic.
- Update Roster is ok, we will validate the contact list.
- We postpone the Current Mission statement of Working Group 24 to the next meeting.

5 OLD BUSINESS/NEW BUSINESS

- We postpone the Current Mission statement of Working Group 24 to the next meeting.
- Update roster
- Work Item surgical documentation (Flavien et al.)

6 DATE AND TIME OF NEXT MEETING

The next teleconferences and face to face meetings can be proposed

10. Nov. 2020, 10 ET, Duration 1:30

7 ADJOURN: at 11:15 ET.

NEMALINK CODE Click here to enter text.

SUBMITTED BY Enter submitter.

SUBMITTED ON 11/10/2020

LEGAL REVIEW 11/12/2020

UPLOAD LOCATION

Enter upload location.