

## Minutes – Web Conference

### DICOM Standard Committee (DSC)

**Date and Time** Friday, August 21, 2020, 9:00AM-1:00PM EST

**Location** Remote

**Presiding Officers:** Brad Genereaux, NVIDIA, Producer Co-Chair  
 Lawrence Tarbox, University of Arkansas, User Co-Chair

**DICOM Secretariat** Carolyn Hull, MITA

#### Voting Members Present

<b>Com	Laurent Launay
ACR	Brian Bialecki
Agfa	Paul Seifert
Canon	Kevin O'Donnell
Fujifilm/JAHIS	Masao Murata
GE Healthcare	Herve Hoehn, Alt-Voting
Hologic	Keyes, Janet
JSRT	Hiroshi Sakamoto
Laitek Inc.	Fred Behlen
MISAT	Chung-Yueh Lien
MITA/DICOM	Carolyn Hull
NVIDIA	Brad Genereaux
Philips	Wim Corbijn
PixelMed	David Clunie
Seno Medical Instruments, Inc.	Bryan Clingman
Siemens Healthineers	Andreas Klingler
Univ. of Arkansas for Medical Sciences/AAPM	Larry Tarbox
VISUS	Marc Kaemmerer

#### Voting Members Not Present

AAPM	Donald Peck
ACC	Bruce Bray
Accuray	Bob Pekarek
American Academy of Oral and Maxillofacial Radiology (AAOMR)	Allan Farman
American Association of Orthodontists	Kirt Simmons
American College of Radiology 2	Steven Horii
American College of Veterinary Radiology	Dennis Ballance
American Dental Association	Gregory Zeller
Brainlab AG	Christof Schadt
Brazil National Institute of Science & Technology for Digital Convergence	Alexandre Savaris
Brazilian College of Radiology	Alexandra Monteiro
Canada Health Infoway	Smita Kachroo

Carestream Health, Inc.	David Foos
Carestream Health, Inc.	Kevin Robinson
Carl Zeiss Meditec AG	Régis Deshayes
Center for Medical Device Standardization Administration,CFDA	Jia Zheng
China Institute for Medical Imaging & Communication Stds.(CIMICS)	Jianming Qu
Corista, LLC	Eric Wirch
Deutsche Ophthalmologische Gesellschaft	Nicole Eter
Deutsche Röntgengesellschaft	Elmar Kotter
Elekta Inc.	Jim Percy
European Federation of Organizations for Medical Physics (EFOMP)	Annalisa Trianni
European Society of Cardiology	Nico Bruining
European Society of Radiology (ESR)	Peter Mildenerger
FDA	Daniel Krainak
GE Healthcare	Steven Nichols
Hitachi Healthcare Americas	Ravi Managuli
IBA	David Wikler
Konica Minolta Healthcare Americas, Inc.	Michael Laconti
Korean PACS Standards Committee	Hee-Joung Kim
LOINC	Daniel Vreeman
Merge Healthcare an IBM Company	Ronald Cowan
Pall Corporation	Julian Burke
PHC co.,Ltd	Katsuya Watanabe
Radiological Society of North America	Chris Carr
Sectra Imaging IT Solutions AB	Krister Valtonen
Sonic Healthcare	Mike Bettenay
Sony Imaging Products & Solutions Inc.	Michitada Kobayashi
Spanish Health Informatics Society	Marcial Garcia Rojo
SuperSonic Imagine	Jacques Souquet
U. S. Food and Drug Administration	Sunder Rajan
Varian Medical Systems, Inc.	Kari Jyrkkälä
VISUS Health IT GmbH	Marc Kaemmerer
Web3D Consortium	Nicholas Polys

### **Observers, Alt-Voting, Others Present**

ACR	Neil Tenenholtz, Observer
American Dental Association	Trishul Allareddy, Alt-Voting
DesAcc	Graham King, Observer
DICOM/MITA	Shayna Knazik
Fairhaven Technologies	Rob Horn, Observer
Former Staff	Stephen Vastagh, Observer
FUJIFILM	Takeichi Tatsuta, Observer
InteropEhealth	Charles Parisot, Observer
iThera	Stefan Morsher, Observer
JIRA	Akihiro Yomoda, Alt-Voting
JIRA	Shinichi Nakano, Alt-Voting
JSRT	Hiroshi Sakamoto
KaVo	Chris Bope, Observer
Laitek	Harry Solomon, Observer
Seno Medical	Allison Bertrand, Alt-Voting
Siemens Healthineers	Srividya Rajamani
Siemens Healthineers	Bjoern Nolte, Observer, WG-6 Chair
Siemens Healthineers	Susumu Nozawa, Observer
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## 1. Opening

- 1.1 **Open, welcome and roll call.** The meeting was opened and roll call taken.
- 1.2 **Review of antitrust and patent rules-** These were read according to NEMA guidelines.
- 1.3 **Agenda review and approval—**The agenda was reviewed and approved.
- 1.4 **Review of minutes from April meeting for review and approval.** The April minutes were approved.

## 2. Stakeholder Report

- **JIRA (NAKANO Shinichi)** –Nakano-san, Murata-san, and Sakamoto-san gave an update on JIRA activities. Please see the presentation in the DSC meeting folder.

## 3. DICOM Staff Update

- Shayna Knazik joined the MITA team in April as the DICOM Senior Project Manager. Welcome, Shayna!

## 4. Chair Election (Nominating Committee)

Have only received one-Larry Tarbox will serve the second term.

## 5. New DSC Membership Applications for review and voting

None at this time.

## 6. New WGs Membership Applications for review and voting

Company	Name	Working Group	Org Patent on file (note if individual)	Disposition
AmbraHealth	Ostrow, Daniel	WG-33	Y	Approve.
Des Acc EMEA Ltd	King, Graham	WG-4, 6, 23, 26, and 33	Y	Accept, remove WG-6 as voting, include in WG-6 as observer.
Ludwig-Maximilian University, Munich	Remi, Jan	WG-32	Y	Approve.

Mach7 Technologies	Uljanov, Alexey	WG-33	Y	Approve.
Materialise	Glennon, Alyssa	WG-17	Y	Approve.
NCI/NIH	Farahani, Keyvan	WG-23	Y	Already a DSC member- does not require approval.
Nihon Kohden	Ehrenberg, Andrew	WG-32	Y	Approve.
aetherAI	Pei-Chen Lin	WG-4	Individual	Approve.
Arterys	Taerum, Torin	WG-20, 23, and 27	Individual	Approve.
Avante Technology, LLC	Bob Zollo	WG-17	Individual	Approve.
Johns Hopkins University School of Medicine	Mahesh, Mahadevappa	WG-21	Individual	Approve.
Mayo Clinic	Brinkman, Benjamin		Individual	Approve.
Mayo Clinic	Alexander, Amy	WG-17	Individual	Approve.
Nemours Children's Hospital	Patel, Pushpak	WG-17	Individual	Approve.
Sectra Imaging IT Solutions AB	Edespong, Erik	WG-4	Individual	Org already a DSC member- does not require approval.
United Imaging	Bradley, David	WG-21	Individual	Approve.

Discuss process we are using covers this. Possibly change the process- use org policy most of the time. Vote to: review with ExComm with Peter T. and patent policy. Members of organizations—what are the rules by which they are join a WG as an individual, not representing an org. Encourage orgs to sign an organizational patent agreement.

**Action:** Carolyn Hull to ask Peter Tolsdorf, the new General Counsel, to join an upcoming Executive Committee call to review the patent policy (requested to join, will send Doodle poll).

## 7. New DICOM Work Group Proposals

- a. Photoacoustic Imaging/International Photoacoustic Standardisation Consortium (IPASC)

**Action: (separate from IPASC discussion)** In ExComm, Discuss small, startup company participation in DSC—how to encourage that?

Approve voting members, etc. in the DSC meeting. ACR will likely join.

Motion to approve: Approved.

## 8. New DICOM Work Item Proposals (NWIP)

Documents in this meeting's FTP folder.

NWIP #	WG	Proposal Title	Discussion	Disposition
2020-08-A	23	Service Discovery and Control		Approved by DSC.
2020-08-B	33	Data Migration		Approved by DSC.
2020-08-C	TBD	Photoacoustic Imaging IOD		Approved by DSC.

**Action:** (IPASC- technical information)- Bjorn to send more information/examples of supplements to Allison (complete).

## 9. 11:00AM ET-15 minute break

## 10. Working Group 6 Report, Bjorn Nolte, Chair- Mr. Nolte to give an update (see document):

- See his report.
- WG-6 is recruiting new members. Please let Bjorn or Shayna know if you are interested in joining.

## 11. Other Working Group Reports

**Action:** CH to schedule WG-10 meeting. Put SAFE and Certificate Management on the agenda.

## 12. DICOM website update (Carolyn): [www.dicomstandard.org](http://www.dicomstandard.org)

## 13. DICOM membership categories

Logistics issues

At some point, discuss observer

Announcements list-

## 14. New Business

## 15. Old Business

**WG-6 to flag "dormant" supplements that groups are not advancing or working on every so often. Every 3 years to review. WG-6 submits to DSC.**

## 16. Next Meetings – tcons

- TBD

## 17. Next meetings – in person

### 17.1 Remaining 2020 DSC meeting schedule

December 4, 2020 – Next meeting- virtual

**17.2 Discuss possible DSC 2021 meeting schedule**

**17.2.1** These will now be now virtual unless there is a drastic change in the world COVID situation– spring and fall pair WG-10 and -29. DSC December, WG-10 in January.

**18. Adjournment**-The meeting was adjourned at 1:00PM ET.

Submitted by: Carolyn Hull, 9/10/20

Reviewed by Counsel Peter Tolsdorf, 9/14/20