

Minutes-Tcon

DICOM WG 23: Artificial Intelligence / Application Hosting

Date and Time: 11:00am – 12:00pm US ET
11 February 2020

Presiding Officers: Gianluca Paladini, Industry Co-Chair
Lawrence Tarbox, User Co-Chair

DICOM Secretariat: Carolyn Hull, MITA

Voting members present

AAPM/Univ. of Arkansas for Medical Sciences Lawrence Tarbox
ACR/Northwestern Memorial Hospital Brian Bialecki
Imagebiopsy Michael Egger
Institute of Cancer Research Simon Doran
Blackford Analysis Keith Houston
Isomics Steve Pieper
GE Healthcare Steven Nichols
Canon Kevin O'Donnell

Others present

NEMA/MITA Staff Carolyn Hull
Sectra Daniel Forsberg, Observer
NVIDIA Brad Genereux, Observer
PixelMed David Clunie, Observer
Siemens Healthineers Srividya Rajamani, Alt Voting
Philips Chris Melo, Observer

Members Not Present

Agfa Hamid Neshat
AGFA HealthCare Jos Jennes
AGFA HealthCare Rainer Wegenkittl
AICURA medical GmbH Alberto Merola
Aidence Sander Smith
Aidoc Guy Reiner
Ambra Health Kevin Archie
AmbraHealth Inc Fima Furman
American College of Radiology Chris Trembl
American College of Radiology 2 Steven Horii
American College of Radiology 4 James Philbin
Animati Computação Aplicada Gabriela Bauermann
Apteryx, Inc. Patrick Williams
Apteryx, Inc. Robert Godward

Argentix Informatics Elliot Silver
Baltimore VA Medical Center Kenneth Wang
BANGKOK HOSPITAL PHUKET SIRISAK YAISOONGNOEN
Battelle Doug Perry

Calgary Scientific Matt Hughes
Canon Development Americas Richard Neugebauer
Canon Medical Research Europe Ltd Andy Wilson
Canon Medical Research Europe Ltd. Andy Smout
Canon Medical Systems USA, Inc. Kevin O'Donnell
Carl Zeiss Meditec AG Régis Deshayes
Cerner Corporation John Moore
Cerner Corporation Dennis Stuhlman
Cerner Sweden AB Enis Kurspahic
China Institute for Medical Imaging & Communication Stds.(CIMICS) Bryan Fan
China Institute for Medical Imaging & Communication Stds.(CIMICS) Jianming Qu
Clario Medical Imaging Chris Wood
ClearCanvas Inc. Norman Young
Client Outlook Inc. Steve Rankin
DaPict, Inc. Steve Lord
DHS/Consultant Carl Crawford
DICOM Stephen Vastagh
Dignith Health California Hospital Medical Center Daisy Hurtado
DISYS Consulting Inc Paul Pierre
DLS Pathology Services Jeremy Parry
Eclipse Don Jorgenson
ETIAM Gilles Mevel
ETIAM François Gousset
ETRI Jonghong Jeon
Fairhaven Technologies Robert Horn
Fovia Shay Kilby
GE Healthcare Chris Lindop

GE Healthcare Dave Deaven
GE Healthcare Jean Labarre
GE Healthcare Jouke Numan
GE Healthcare Tamas Maroti
GE Healthcare Jan Beger
GE Healthcare Lino Ramirez
GE Healthcare Gopi Pattaswamy
German Cancer Research Center (DKFZ) Marco Nolden
Google Donny Cheung
Google Mikhail Fomitchev
Google Cloud Dusan Zelembaba
Google Cloud Patrick Kling
Harvard University Andrey Fedorov
Hitachi Healthcare Americas Ravi Managuli
Hospital Sírio-Libanês Thiago Julio
IB Lab GmbH Stefan Oancea
ICON Plc Dennis Loreman
IEETA-DET Carlos Manuel Azevedo Costa

Infinitt Healthcare Co., Ltd. Sophie Kwon
Innowave Healthcare Pvt Ltd. Ravindran Padmanabhan
Inserm Bernard Gibaud
Doran
Intel Corporation Abhishek Khowala
Intelrad Medical Systems Incorporated Frederic Lachmann

IT Consultant Jörg Riesmeier
J4Care GmbH Gunter Zeilinger
Koios Medical Lev Barinov
Laitek Inc. Douglas Sluis
Laitek Inc. Razvan Costea-Barlutiu
Laitek Inc. Bogdan Petrovan
Laurel Bridge Software, Inc. T. Roger Keane
Linell Andy Fay
Mark Twain Medical Center Dignity Health Monica Mojica
Mathieu Malaterre Consulting Mathieu Malaterre
MaxQ AI Ltd Robert Mehler
McCoy Medical Technologies Misha Herscu
Medical Image Standards Association of Taiwan Chung-Yueh Lien
Medical Student Iliyas Ouchikc-Mohamed
Medtronic, Inc. Mark Halliday
Micrima Yassin Jdaoudi
Microsoft Corporation Dongbai Guo
MIM Software Inc. Cloay Maier
MITA Carolyn Hull
MITA Zack Hornberger
MModal Jeremy Richardson

Meeting folder:

<ftp://d9-workgrps:Private15@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/WG23/2020/2020-01-07/>

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/776500381>

Access Code: 776-500-381

Australia: +61 2 9091 7603 - One-touch: <tel:+61290917603,,776500381#>
Canada: +1 (647) 497-9373 - One-touch: <tel:+16474979373,,776500381#>
Denmark: +45 32 72 03 69 - One-touch: <tel:+4532720369,,776500381#>
Finland: +358 923 17 0556- One-touch: <tel:+358923170556,,776500381#>
France: +33 187 210 241- One-touch: <tel:+33187210241,,776500381#>
Germany: +49 692 5736 7300- One-touch: <tel:+4969257367300,,776500381#>
Italy: +39 0 230 57 81 80 - One-touch: <tel:+390230578180,,776500381#>
Netherlands: +31 202 251 001 - One-touch: <tel:+31202251001,,776500381#>
Norway: +47 21 93 37 37 - One-touch: <tel:+4721933737,,776500381#>
Sweden: +46 853 527 818- One-touch: <tel:+46853527818,,776500381#>
United Kingdom: +44 20 3713 5011 - One-touch: <tel:+442037135011,,776500381#>
United States: +1 (571) 317-3116 - One-touch: <tel:+15713173116,,776500381#>

Join from a video-conferencing room or system.
Dial in or type: 67.217.95.2 or inroomlink.goto.com Meeting ID: 776 500 381
Or dial directly: [776500381@67.217.95.2](tel:67.217.95.2) or 67.217.95.2##776500381

New to GoToMeeting? Get the app now and be ready when your first meeting starts:
<https://global.gotomeeting.com/install/776500381>

1. Opening

- 1.1. Welcome and roll call--The group was welcomed to the call and roll call was taken.
- 1.2. Antitrust and patent rules review—The antitrust statement and patent rules were reviewed according to NEMA guidelines.
- 1.3. Agenda review and approval—The agenda was reviewed and approved.
- 1.4. Review and approval of minutes from 2019-1-28—The minutes were approved.

2. Supplement 219 Simplified SR in JSON

- Approved for trial use
- **Action: Outreach assignments**
 - o Steve-Pydicon
 - o Larry: DCMTK
 - o David: DICOM DS
 - Will also ask Chris Carr about reaching out to AI vendors via RSNA
 - o Brad: Orthanc
 - o All reach out to user-developers/own companies

3. Collaborative work on IHE Profiles

- Two IHE Profiles are in development (by IHE). (Please see past WG-23 minutes for details)
- **AI Workflow:** Chris Lindop, lead | **AI Results:** Kevin O'Donnell, lead

AI Workflow: Chris Lindop

- Chris is incorporating comments into the document.

AI Results: Kevin O'Donnell

- The group plans a public comment from late February to late March. They have a meeting in April.

WG-23 members can check the IHE Wiki pages for progress. When the two profiles are released for public comment, likely early March, WG-23 members are encouraged to review the profiles and make comment. We invited the two authors to lead discussions of the profiles in our March meetings, to assist with the comment generating process.

4. STOW-RS type transaction

- **IHE request:** IHE asked WG-23 to explore a new STOW-RS type transaction for stating new JSON payload. WG-23 will likely need to collaborate with WG-27 on this.
- Idea that it would be a one pager or similar with WG-27.
- David will be on the next call with WG-27 and will try to discuss.

5. Outreach/Education/Info Sharing

- See above (Item 2).

6. **Old or New Business** None.

7. **Next meetings-F2F:** None scheduled at this time.

8. **Next meetings – tcons**

Teleconference (tcons) (Every other Tuesday, usually 11am – 12pm US ET, unless schedule conflicts)

Tuesday, February 25, 2020 11:00AM ET

<https://global.gotomeeting.com/join/475272869>

Tuesday, March 24, 2020 11:00AM ET

IHE RAD meetings below

2020-04-20-23	All Day	Meeting	IHE Rad Tech Mtg: Preparation for Trial Implementation Publication	Agenda	Minutes
---------------	---------	---------	--	------------------------	-------------------------

9. **Adjourn**-the meeting was adjourned at 12:00PM

Submitted by: Carolyn Hull

Reviewed by counsel: CRS, February 20, 2020.