

DICOM Presentation in Singapore

Friday, April 1, 2005

[8:30] Welcome

We would like to thank A-STAR for hosting this event!

We would also like to thank MatrixView for sponsoring the lunch!

To all the people who have devoted themselves to the development and promotion of the DICOM Standard and who have put in many extra hours to prepare these presentations – Thank you!

[8:45 – 9:00] S01: Introduction and Kick Off– 15 min

Arvind Thiagarajan [MatrixView]

[9:00 – 12:30] DICOM - As It Works Today Session – 3.5 hrs

Chair: Dr. Peter Mildenberger, Co-Chair DICOM Std Cmte [German Roentgen Association]

[9:00 – 9:30] S11: Basic DICOM Concepts with Healthcare Workflow – 30 min

Dwight Simon, Co-Chair DICOM Std Committee [Merge eFilm]

Where and How DICOM and HL7 fit into the overall Healthcare Workflow
DICOM Terminology (Services Classes and SOP Classes)
DICOM Functions (Storage, Query/Retrieve, Print, Media)
DICOM Conformance Statement

[9:30 – 9:55] S12: Exchanging Imaging Data – 25 min

Charles Parisot [GE Healthcare]

Various Modality Images, Presentation States, Structured Reports
Finding and Retrieving Imaging Objects

[9:55 – 10:20] S13: Managing Acquisition Workflow – 25 min

Kevin O'Donnell [Toshiba America, MRI]

Modality Worklist
Modality Performed Procedure Step
Storage Commitment of Persistent Objects
Instance Availability Notification

[10:20 – 10:40] S14: Consistent Presentation of Images – 20 min

Kevin O'Donnell [Toshiba America, MRI] prepared by Rob Horn (AGFA Healthcare)

Grayscale Standard Display Function
Grayscale Softcopy Presentation State
Print Presentation LUT

[10:40 – 11:00] Break – 20 min

[11:00 – 11:50] S15: Application of DICOM Structured Report – 50 min

Andrei Leontiev [Dynamic Imaging]

Key Object Selection
Specialized Structured Reports

[11:50 – 12:10] S16: Post-Processing and Reporting Workflow – 20 min

Bas Revet [Philips Medical Systems]

General Purpose Worklist

[12:10 – 12:30:] S17: Basic Security – 20 min

Andrei Leontiev [Dynamic Imaging]

DICOM over TLS
Media Security
Confidentiality Profile

DICOM Presentation in Singapore (continued)

[12:30 – 1:30] Lunch – 60 min

[1:30 – 4:45] Real Use of DICOM in the Domains Session – 75 min

Chair: Andrei Leontiev [Dynamic Imaging]

[1:30 – 2:00] S20: Radiology, Nuclear Medicine, Mammography & CAD – 30 min

Dr. Peter Mildenerger, Co-Chair of DICOM Std Committee [German Roentgen Association]

[2:00 – 2:15] S30: Cardiology – 15 min

Charles Parisot [GE Healthcare] prepared by Harry Solomon (GE Healthcare)

[2:15 – 2:30] S40: Radiation Therapy in Oncology – 15 min

Dwight Simon, Co-Chair of DICOM Std Committee [Merge eFilm] prepared by Dr. Michael Neumann (Institute of Clinical Biochemistry and Pathobiochemistry), Scot Hogan (Chair, WG7 Ion Subcommittee) and David Murray (Vital Edge Limited TomoTherapy, Incorporated)

[2:30 – 2:45] S50: Dental – 15 min

Dr. Peter Mildenerger, Co-Chair of DICOM Std Committee [German Roentgen Association] prepared by Dr. Allan Farman (American Dental Assoc., Univ. of Louisville)

[2:45 – 3:15] Break 30 min

[3:15 – 4:45] What's New in DICOM Today Session – 90 min

Chair: Dwight Simon, Co-Chair of DICOM Std Committee [Merge eFilm]

[3:15 – 3:40] S60: What's New in the DICOM 2004 Standard Publication – 25 min

Bas Revet [Philips Medical Systems] prepared by Rob Horn (AGFA Healthcare)

[3:40 – 4:00] S70: DICOM Security – 3 New Supplements – 20 min

Andrei Leontiev [Dynamic Imaging] prepared by Larry Tarbox (Mallinckrodt Institute of Radiology)

[4:00 – 4:25] S80: DICOM Color Presentation States & Hanging Protocols – 25 min

Kevin O'Donnell [Toshiba America, MRI] prepared by David Clunie (RadPharm)

[4:25 – 4:45] S90: Application Hosting (DICOM Plug-Ins) – 20 min

Charles Parisot [GE Healthcare] prepared by Larry Tarbox (Mallinckrodt Institute of Radiology)

[4:45 – 5:30] Panel Discussion Session – 45 min

Chair: Tat-Jin Teo [Boston Scientific Corporation]

- Our panel of experts will answer any questions about DICOM, HL7, and IHE.
- They are also willing to participate in any healthcare related workflow and integration discussions, in which the audience is interested.

Panel will consist of:

Andrei Leontiev [Dynamic Imaging]

Arvind Thiagarajan [MatrixView]

Bas Revet [Philips Medical Systems]

Charles Parisot [GE Healthcare]

Dwight Simon, Co-Chair DICOM Std Cmte [Merge eFilm]

Kevin O'Donnell [Toshiba America, MRI]

Dr. Peter Mildenerger, Co-Chair DICOM Std Cmte [German Roentgen Association]