

# 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 Mildenberger, 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 Mildenberger, 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 Mildenberger, Co-Chair DICOM Std Cmte [German Roentgen Association]**