

**Minutes of DICOM WG24 meeting (#3)
Tuesday, 29th November 2005, 9 a.m. – 12 p.m.
at the McCormick Center, Room S103D
Chicago, USA**

Attendees:

Heinz U. Lemke, Technical University Berlin, Germany (General Chair)
Franziska Schweikert, WG24 Secretariat
Leonard Berliner, St. Vincent's Catholic Medical Centers of New York, Elmhurst, NY, USA
Raymond Chau, McKesson Provider Technologies, Richmond, British Columbia, CDN
Kevin Cleary, Georgetown University Medical Center, Washington, DC, USA
Kiyonari Inamura, Kansai University of International Studies, Hyogo, J
Ferenc A. Jolesz, Harvard Medical School, Boston, MA, USA
Ron Kikinis, Harvard Medical School, Boston, MA, USA
Thomas J. Layden, GE Healthcare, Milwaukee, WI, USA
Didier Lemoine, Etiam, Rennes, F
Armin Löpfe, Zimmer GmbH, Winterthur, CH
George OGREZeanu, BrainLAB GmbH, Heimstetten, D
Jörg Sabczynski, Philips GmbH Forschungslaboratorien, Hamburg, D
Harry P. Solomon, GE Medical Systems, Barrington, IL, USA
Hideto Yokoi, Kagawa University Hospital, Kagawa, J

Agenda

1. Completion of minutes of the previous meeting (Budapest)
2. Amendments to "Strategic Summary"
3. Membership of Project Groups
4. White Paper Structure, work assignment and milestones
5. Project Groups 10 and 11, work assignments and milestones
6. QFD specification of Surgical PACS functions
7. Election of WG24 Co-Chairs
8. Miscellaneous

1. Completion of minutes of the previous meeting (Budapest)

The minutes of the DICOM WG24 meeting #2 were unanimously approved.

2. Amendments to "Strategic Summary"

Project Group 2 has been extended to include cranio maxillofacial surgery.
Following the suggestions of F. Jolesz and R. Kikinis, a project group on interventional radiology (Project Group 6) has been established.

3. Membership of Project Groups

PG1	WF/MI Neurosurgery (N. Hata? , R. Fahlbusch?)
PG2	WF/MI ENT and CMF Surgery (J. Raczowsky , G. Strauss?, H. Zeilhofer?)
PG3	WF/MI Orthopaedic Surgery (A. Loepfe , U. Stoeckle, L. Joskowicz?)
PG4	WF/MI Cardiovascular Surgery (K. Verstreken , V. Falk?)
PG5	WF/MI Thoraco-abdominal Surgery (K. Vosburgh? , A. Pietrabissa?)
PG6	WF/MI Interventional Radiology (L. Berliner , K. Cleary, R. Kikinis?)
PG7	WF/MI Anaesthesia (W. Sandberg , NN)
PG8	S-PACS Functions (W. Korb , T. Layden, R. Chau,)
PG9	WFMS Tools (O. Burgert , R. Ellis?, P. Jannin?)
PG10	IPD (R. Shahidi? , J. Sabczynski, S. Zachow?)
PG11	Ultrasound in Surgery (S. Horii , T. Layden)
PG12	White Paper (H. Lemke , O. Ratib, S. Horii)

The General chair is requested to obtain confirmations from the members who were suggested for the project groups to serve as co-authors for the White Paper.

4. White Paper Structure, work assignment and milestones

- The White Paper structure was slightly edited and approved for being a guideline as regards the manuscript content each project group should deliver.
- The project group chair (first author) assigned to each project group should contact the co-author(s) for their contributions and compile the White Paper manuscript of their project group. The current proposed structure of the individual chapters of the White Paper may be changed by the first author if needed.
- A first draft version of the relevant chapters (3-6 pages) of the White Paper should be sent to the general chair of WG24 if possible by 6th January 2006. The general chair will then compile a summary manuscript of the White Paper for being published in the SPIE Medical Imaging 2006 Proceedings.
- The first draft version of the White Paper will be discussed at the WG24 meeting on 15th February 2006 p.m. during the SPIE Medical Imaging 2006 conference.
- It is planned that the final version of the White Paper will be discussed, amended and approved at the WG24 meeting on 1st July 2006 during the CARS 2006 congress.
- The full text of the White Paper will be made available electronically and if financial resources are forthcoming, printed in an appropriate brochure and distributed worldwide towards the end of 2006.
- It is planned to publish an abbreviated version of the White Paper in the International Journal of CARS.

5. Project Groups 10 and 11, work assignments and milestones

- PG 10 and PG 11 are planned to achieve some short (12-18 months) and/or middle term (18-36 months) results. For example, they could select some image acquisition, image processing and display functionalities, specific to IGS, and relate them to DICOM objects and services.
- The general chair is requested to communicate with members of PG 10 and PG 11 to obtain as speedily as possible the work packages for these project groups in order to proceed to short term results for WG24.

6. QFD specification of Surgical PACS functions

- It is agreed that a formal method should be employed to specify surgical PACS functions and to serve as a basis for definitions of DICOM objects and services. In one of the next WG24 meetings, the general chair agreed to introduce concepts and tools of QFD for specifications of surgical PACS functions.

7. Election of WG24 Co-Chairs

- In addition to the general chair, WG24 decided to have two co-chairs: one medical (user) and one industry/vendor co-chair.
- The medical co-chair will be established after the medical project groups (PG 1 – PG 7) are running.
- The industry co-chair will be established after the participating vendors in WG24 have compiled a list of potential candidates. Industry co-chair candidates should give a short summary about their intent to serve as a co-chair to fschweikert@cars-int.org.

8. Miscellaneous

- It was suggested that members of WG24 propose more potential members for WG24 from the vendor/industry community which is active in image guided surgery, computer assisted surgery, mechatronic supported surgery, etc.
- It was suggested to include the Asian-Pacific region more representative in the WG24. K. Inamura was asked and he agreed to contact representative members from the surgical community in Japan, specifically members from the Japan Institute of CARS.
- The next meetings of WG24 are scheduled for:
 - 15th February 2006, 2 p.m., San Diego
 - 1st July 2006 p.m., Osaka
 - 16th September 2006, Berlin
 - 29th November, 2006 Chicago

7th December 2005