



Report to EFMI Council

For the period July 2002 to June 2003
Presented on May 3rd 2003, 49th EFMI Council Meeting, Saint Malo
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Current objectives

- ❑ **A. RID-MIP** – to establish a reference image database for medical image processing R&D groups (RID-MIP) within the EFMI member countries.
- ❑ **B. EIPG-IS** – to establish a Web-based Information System (IS) about European Image Processing Groups (EIPG) and their current activities.
- ❑ **C. Website** – to create and maintain a Working Group Website providing public information and (in a protected sub-area) WG-internal documents and work plans.
- ❑ **D. Workshops** – to organize workshops dedicated to the WG topics at the MIE conferences and other events.
- ❑ **E. Cooperation** – to build and maintain close relationship with persons, groups, organisations and standardisation bodies working on the MIP field and medical domains involved.

Recent activities

- ❑ **Ad A:** On the basis of a RID database schema worked out by Michael Prinz, Vienna, in collaboration with the WG chair, a RID work prototype has been implemented in MySQL at the Technical University of Munich. It is meant for WG-internal discussion and decision-making in the next phase of the work. Application for funding RID-MIP was planned for the Sixth Framework Programme of the European Commission as part of an Integrated Project (IP) within IST Call 1; unfortunately, this IP missed the deadline (April 24). Alternative funding opportunities will have to be discussed.
- ❑ **Ad B:** Not yet started (needs some funding).
- ❑ **Ad C:** The WG website www.efmi-wg-mip.net has gone online on July 11, 2002. The website can be reached through a link on the working groups' webpage of EFMI website. It contains a public and an internal area (access for members only). The public area informs about news, work, meetings, activities and cooperation, and it provides reports and finished documents for download. The internal area contains the list of members with contact information, actual work lists with current status, and internal protocols, reports, working drafts and other documents for download.
- ❑ **Ad D:** In a short 45 minutes *WG business meeting on August 26 at MIE2002* in Budapest the WG chair gave a summary of annual report to three new interested colleagues from Germany and Denmark. The participants found the WG very interesting, especially the RID-MIP objective; due to the limited time it was agreed in continuing the discussion in the framework of the WG workshop next day. This *1st WG workshop on August 27 at MIE2002* has been held on the topic "Reference Image Datasets for Medical Image Processing Research and



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Development” with 8 participants. The actual state of the WG’s RID-MIP activities was presented by the WG chair. Christian Lovis presented the Geneva image database software Casim@ge. The following discussion ended up with a list of recommendations about the further steps in the RID-MIP initiative. Protocols of both events can be found on the WG website.

- ❑ **Ad E:** 1) There was no further contact with EHRcom (Electronic Health Record communication) CEN TC251 EHRcom task force, so far. The exchange of information relevant for the integration of medical imaging in the electronic health record, agreed on 4 April 2002 in London, will be triggered during the next months.
2) CARS (Computer Assisted Radiology and Surgery). On September 9, 2002, the WG chair met with the CARS organizer Heinz Lemke in Berlin. They agreed in concrete co-operation and an active participation of the WG in the organization of next CARS conference in June 2003 in London.

Future activities

- ❑ **WG business meetings.** Meetings will be held at MIE2003 in Saint Malo and at CARS2003 in London.
- ❑ **Scientific Programs.** For CARS2003 conference a scientific subprogram on “Image Processing and Display” has been arranged co-operatively. The EFMI is officially represented with its logo in the respective part of CARS program.
- ❑ **Workshops.** The 2nd WG workshop will be held at MIE2003 in Saint Malo on Monday 5 May 2003 on the topic “Integration of Medical Image Processing into Clinical Workflow and the Electronic Patient Record”. 7 contributions are scheduled.
- ❑ **RID-MIP.** Discussion of the work prototype. Continuing efforts on finding a funding opportunity.

Conclusion

During this second year of the WG grew and has now members from 5 EFMI countries (Austria, Finland, Germany, Lithuania, Spain, Switzerland, The Netherlands) and associated persons from France and Denmark. Further steps to achieve the major objective (RID-MIP) have been taken, but things go slower than expected and planned (application for funding is still open). Ongoing discussion has taken place. A WG website has been established as information and communication platform. The WG is actively participating in CARS conference, which is important for bridging the gap between EFMI and strongly engineering-dependent medical domains like radiology and modern surgery.

Chairperson:

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