

Call for active participation

EFMI Working Group on Medical Image Processing

The council of the European Federation for Medical Informatics (EFMI) has accepted a proposal of the subscriber for the foundation of an EFMI Working Group on Medical Image Processing (WG MIP) on its meeting in London, September 2, 2001, at Medinfo conference.

Due to the preliminary mission statement, the working group will support the mission of EFMI by fostering the discussion and the activities in the member countries about theory and practice of medical image processing. This comprises, in particular, the discussion of how to integrate decision support by means of medical image processing into clinical practice, including the important topics of clinical evaluation, standardization and technology transfer.

The working group will, step by step, establish a reference image database for medical image processing R&D groups within the EFMI member countries. The images shall be used in order to make the capabilities of different methods comparable.

In order to foster co-operation between R&D groups, and also in order to avoid redundant development work, the working group will establish a Web-based information system about European image processing groups and their current activities. The working group will provide the technical infrastructure. The R&D groups will have to enter and maintain their own data record by themselves.

The working group will also create and maintain a Working Group Website for to provide all information about the work and upcoming events relevant for interested colleagues and the public.

The working group will meet at least during the MIE congresses. It would invite representatives of other EFMI working groups in order to explore the following topics:

- Integration of Computer Assisted Diagnosis in clinical workflow (with WG-4 and WG-9)
- Representation of Medical Image Processing Results in the EPR
- Provision of Medical Image Processing services in telemedicine applications
- Image management (with newly proposed working group on Clinical Templates)
- The contribution of Medical Image Processing to Web-based education (with WG-6)

The working group will co-operate with IEEE, with standardization bodies, especially DICOM, as well as with the IMIA Working Group 07 Biomedical Pattern Recognition. Furthermore, co-operation with medical associations, especially from radiology and computer assisted surgery, will be part of the work.

The first official meeting of the working group will be during MIE 2002 conference.

It is planned to have at least one active member from minimum half of the EFMI member countries within the working group for achieving real international co-operation.

If You are interested in contributing to the realization of the goals of EFMI WG MIP, or if You have any questions, please do not hesitate to contact the WG chairman:

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