



## Report to EFMI Council

To be presented at EFMI Council Meeting, London, 9 September 2008  
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### Current objectives

- ❑ Support of communication and common attempts of academia and industry to increase quality of innovation, research and development in the field of medical image processing.
- ❑ Activities towards references image databases for medical image processing R&D groups in order to support validation and evaluation of medical image processing methods and systems.
- ❑ Maintain the working group website and establish a web-based information system for European image processing groups and their current activities.
- ❑ Organise meetings and workshops at EFMI conferences and other events such as CARS and Medinfo conferences.
- ❑ Build and maintain close relationship with persons, groups, organisations and standardisation bodies related to the field.

### Recent activities

- ❑ In February 2008, the working group has supported the 16<sup>th</sup> CATAI Winter Course of the University of La Laguna, Tenerife, Spain, with a lecture on DICOM held by the WG chair.
- ❑ At CARS conference in June 2008 in Barcelona, a symposium on Cognitive Methods for Image Classification, sponsored by Definiens AG, Munich, has been supported by the working group. EFMI WG MIP has contributed with a presentation on current evidence in the field of breast cancer and melanoma CAD.
- ❑ As a prior step towards the implementation of an EIPG-IS, a WG Wiki has been set up by Sarah Barman, UK. The platform shall be utilized to intensify the collaboration of the WG members to overcome workforce shortcomings more smoothly.
- ❑ Close contacts with CARS, NIH and industries are maintained.
- ❑ The Working Group Website [www.efmi-wg-mip.net](http://www.efmi-wg-mip.net) provides comprehensive information and numerous documents (reports, presentations) to the public. On the website's internal area the Reference Image Database Work Prototype RID-WP is accessible for all working group members. Basic information about the working group (mission, members, etc) is maintained on the EFMI website [www.efmi.org](http://www.efmi.org).

### Future activities

- ❑ The WG is supporting the workshop "Manifolds in Medical Imaging: Metrics, Learning and Beyond" at the MICCAI conference in New York, in September 2008.
- ❑ Further activities (workshop, business meeting) are envisaged for MIE 2009 conference.



## Working Group on Medical Image Processing

- ❑ It is planned to intensify the collaboration within the WG through CSCW, including the use of our common work space (wiki) and telephone meetings.

### Publications

- ❑ Horsch A: The DICOM Standard – Basics and Recent Extensions. XVI CATAI Winter Course, University of La Laguna, Tenerife, February 2008

### Development

- ❑ There are at the moment 45 persons in the list of members and interested persons of the working group, working in industry and academia. They come from various countries: Austria, Cyprus, Denmark, Finland, France, Germany, Lithuania, Netherlands, Poland, Spain, Switzerland, USA, and UK.
- ❑ The next meetings will critically reflect the achievements of the WG activities over the past years against the WG's objectives. This shall lead to a revision of goals and pave the way forward towards new needs and demands for collaboration in the field of image processing.

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