

Content-Based Image Retrieval: Major Challenges for Medical Applications

**SPIE Medical Imaging
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Co-chairs

Thomas Deserno, Aachen University, Germany

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Goal of the Workshop

- Idea
 - Moving CBIR towards biomedical use
- Material will be posted
 - <http://archive.nlm.nih.gov>
- Outcome
 - Special issue
International Journal of Healthcare Information Systems and Informatics

Panelists

- **Henning Müller**
 - **University & Hospitals of Geneva, Switzerland**
- **Hayit Greenspan**
 - **Tel-Aviv University, Israel**
- **Agma Traina**
 - **University of São Paulo at São Carlos, Brazil**
- **Sameer Antani**
 - **National Library of Medicine, USA**

Program

- **CBIR for Medicine: Where Do We Stand (Long)**
- **Gaps in CBIR (Deserno)**
- **Putting the content into context – features and gaps in image retrieval (Müller)**
- **Content-based Image Retrieval and Categorization using the GMM-KL framework (Greenspan)**
- **The Performance Gap (Traina)**
- **Usability GAP (Antani)**
- **Discussion, Audience Q & A**