

**Workshop on Preserving Intellectual Assets: Institutional Repositories
and Open Access. An introduction to image retrieval
TEI Thessalonikis, Sindos, September 2006**

Content Based Image Retrieval (CBIR): practical exercise


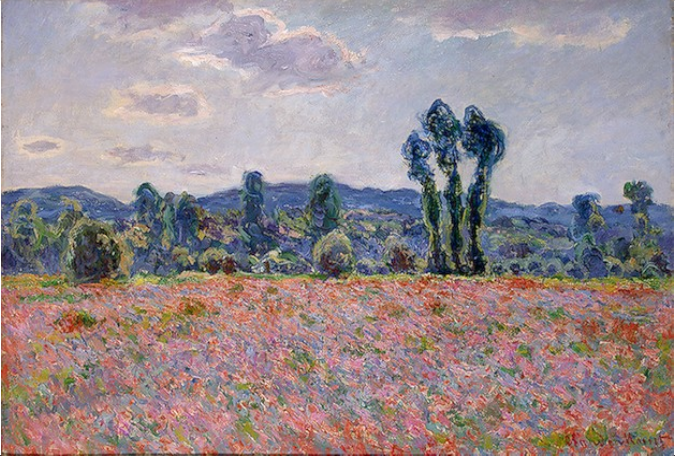
This exercise allows you to try out one of the better -known CBIR systems as implemented in a major museum using a set of realistic queries. You are getting more help than the average user of this system would get in that we are telling you which feature to use for which query.

Record your thoughts relating to the points in 5 and 6 below, so that we can discuss them towards the end of the session.

Please read this page **carefully and completely** before you start.

1. The attached sheet has a set of 6 queries which are typical of the sort of query which might be asked of an image database.
2. Look at the QBIC search engine on the website of the State Hermitage Museum of St. Petersburg. The complete URL is
<http://www.hermitagemuseum.org/cgi-bin/db2www/qbicSearch.mac/qbic?selLang=English>
3. Try the demonstrations of both the QBIC colour search and the QBIC layout search features
4. Now try the searches which are on the next sheet of these instructions.
5. What problems did you face in undertaking the searches?
6. Having done the searches; what did you think were the strengths and weaknesses of this approach to image retrieval?

Dick Hartley
September 2006

1.	Find similar paintings to the painting opposite using the QBIC colour search tool.	
2.	Find paintings of sunflowers using the QBIC colour layout search tool.	
3.	Find paintings that represent Parisian life using the QBIC colour search tool.	
4.	Compose a query of the painting opposite using the QBIC colour layout tool.	
5.	Find paintings of the ancient Roman festival of bacchanalia using the QBIC colour search tool - the ancient Roman festival in honour of Bacchus, celebrated with dancing, song, and revelry.	
6.	Find paintings of the grandeur, simplicity and indestructibility of nature using the QBIC colour layout tool.	