

List of Scientific Publications of the Pharos Project for Year 2008



1. M. Gruhne, C. Dittmar. Phoneme Detection for Lyrics Synchronization. DAGA 2008, March 10 – 13, 2008, Dresden, Germany (<http://2008.daga-tagung.de/>)
2. M. Gruhne, P. Dunker, M. Doeller, and R. Tous. Distributed Cross-Modal Search within the MPEG Query Format. 9th International Workshop on Image Analysis for Multimedia Interactive Services, May 7-9, 2008, Klagenfurt, Austria (<http://www.wiamis2008.org/>)
Link to publication:
<http://ieeexplore.ieee.org/ielx5/4556856/4556857/04556921.pdf?arnumber=4556921>
3. T. Friedrich, M. Gruhne, G. Schuller: A Fast Feature Extraction System on Compressed Audio Data. 124th AES Convention, May 17 – 20, 2008, Amsterdam, Netherlands
(<http://www.aes.org/>)
4. P. Dunker, S. Nowak, A. Begau, C. Lanz: Content-based Mood Classification for Photos and Music. ACM International Conference on Multimedia Information Retrieval, October 30-31, 2008, Vancouver, Canada
Link to paper: <http://delivery.acm.org/10.1145/1470000/1460114/p97-dunker.pdf?key1=1460114&key2=0336874321&coll=GUIDE&dl=ACM&CFID=20184879&CFTOKEN=45436809>
5. Llorente, S. Zagorac, S. Little, R. Hu, A. Kumar, S. Shaik, X. Ma, S. Ruger. Semantic Video Annotation using Background Knowledge and Similarity-based Video Retrieval. Trecvid competition 2008.
Link to paper: <http://www-nlpir.nist.gov/projects/tvpubs/tv8.papers/mmis.pdf>
6. J. Magalhaes, F. Ciravegna, S. R ger - Exploring multimedia in a keyword space. MM '08: Proceeding of the 16th ACM international conference on Multimedia, ACM, 2008. Vancouver, British Columbia, Canada, October, 2008.
Link to paper: <http://portal.acm.org/citation.cfm?doid=1459359.1459374>
7. Z. Huang, H. Shen, J. Shao, S. R ger, X. Zhou – Locality Condensation: A New Dimensionality Reduction Method for Image Retrieval. MM '08: Proceeding of the 16th ACM international conference on Multimedia, ACM, 2008. Vancouver, British Columbia, Canada, October, 2008.
Link to paper: <http://doi.acm.org/10.1145/1459359.1459389>
8. R. Hu, S. R ger, D. Song, H. Liu, Z. Huang - Dissimilarity measures for content-based image retrieval. IEEE International Conference on Multimedia and Expo, 2008. April 2008.
<http://dx.doi.org/10.1109/ICME.2008.4607697>
9. H. Liu, D. Song, S. R ger, R. Hu, V. Uren - Comparing Dissimilarity Measures for Content-Based Image Retrieval. Asia Information Retrieval Symposium 2008. Harbin, China. January 2008.
Link to paper: <http://www.springerlink.com/content/5474v1u2t8065012/fulltext.pdf>



10. A. Llorente, S. Rüger - Can a probabilistic image annotation system be improved using a co-occurrence approach? Workshop on Cross-media information analysis, extraction and management at SAMT2008. Koblenz, Germany. December 2008.
11. D. Poirier, C. Bothorel, M. Boullé - Two possible approaches for opinion analysis in film reviews: statistic and linguistic. EMOT-08: LREC 2008 Workshop on Sentiment Analysis: Emotion, Metaphor, Ontology and Terminology (EMOT-08), Marrakech, Morocco.
12. X. Hu, J. S. Downie, C. Laurier, M. Bay, A. F. Ehmann - The 2007 MIREX Audio Mood Classification Task: Lessons Learned. ISMIR 2008, Philadelphia
13. R. Krestel, L.Chen - Using Co-occurrence of Tags and Resources to Identify Spammers. ECML PKDD Discovery Challenge 2008. September 2008, Antwerp, Belgium.
Link to paper: <http://www.l3s.de/web/upload/documents/1/rsdc08.pdf>
14. L. Chen, C. S. Firan, W. Nejdl, R. Paiu - PHAROS – Personalizing Users’ Experience in Audio-Visual Online Spaces. PersDB 2008 - International Workshop on Personalized Access, Profile Management, and Context Awareness: Databases. August 2008, Auckland, New Zealand
Link to paper: <http://persdb08.stanford.edu/6-PersDB-Paper.pdf>
15. A. Stewart, E. Diaz-Aviles, W. Nejdl - Mining User Profiles to Support Structure and Explanation in Open Social Networking. International Workshop on Interacting with Multimedia Content in the Social Semantic Web (IMC-SSW 2008); Collocated with the 3rd International Conference on Semantic and Digital Media Technologies (SAMT 2008). Koblenz, Germany, December 03 2008
Link to paper: <http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-417/paper2.pdf>
16. O. Celma, P. Cano, "From hits to niches? Or how popular artists can bias music recommendation and discovery", 2nd Workshop on Large-Scale Recommender Systems and the Netflix Prize Competition, 2008.
Link to paper: <http://mtg.upf.edu/files/publications/Celma-ACM-Netflix-KDD2008.pdf>
17. J. Serrà, E. Gómez, P. Herrera. "Improving binary similarity and local alignment for cover song identification" Music Information Retrieval Evaluation eXchange extended abstract, Philadelphia, 2008.
Link to paper: http://mtg.upf.edu/files/publications/MIREX08_coverid_jserra.pdf
18. J. Serrà, E. Gómez. "Audio cover song identification based on tonal sequence alignment". IEEE International Conference on Acoustics, Speech and Signal processing (ICASSP), Las Vegas, 2008.
Link to paper: http://mtg.upf.edu/files/publications/jserra_ICASSP08.pdf



19. J. Serrà, E. Gómez, P. Herrera, X. Serra. "Chroma Binary Similarity and Local Alignment Applied to Cover Song Identification", IEEE Transactions on Audio, Speech and Language Processing, 2008. <http://mtg.upf.edu/node/919>
Link to paper: <http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=4523006&isnumber=4566081>
20. J. Serrà, E. Gómez, P. Herrera. "Transposing Chroma Representations to a Common Key", IEEE CS Conference on The Use of Symbols to Represent Music and Multimedia Objects, Lugano, 2008.
Link to paper: <http://mtg.upf.edu/files/publications/jserra08TransposigChroma2commonKey.pdf>
21. C. Laurier, J. Grivolla, P. Herrera. "Multimodal Music Mood Classification using Audio and Lyrics", International Conference on Machine Learning and Applications, San Diego, 2008.
Link to paper: http://mtg.upf.edu/files/publications/Laurier_Grivolla_Herrera_Mood_Lyrics_ICMLA.pdf
22. K. Bischoff, C. S. Firan, W. Nejdl, R. Paiu – Can all tags be used for search?. Proceedings of the 17th ACM Conference on Information and Knowledge Mining, CIKM '08, Napa Valley, California, USA, October 26-30, 2008, pp. 193-202, ACM, 978-1-59593-991-3.
Link to publication: <http://portal.acm.org/citation.cfm?id=1458112>
23. R. Krestel, L. Chen - The Art of Tagging: Measuring the Quality of Tags. The Semantic Web - ASWC 2008, Third Asian Semantic Web Conference, Bangkok, Thailand, December 8-11, 2008, Proceedings. Lecture Notes in Computer Science.
Link to publication: <http://www.springerlink.com/content/b712h77242542004/>
24. G. Demartini, C. S. Firan, T. Iofciu, R. Krestel, W. Nejdl - A Model for Ranking Entities and Its Application to Wikipedia. 6th Latin American Web Congress (LA-WEB 2008), Vila Velha, Espirito Santo, Brasil, October, 2008.
Link to publication: <http://www.l3s.de/web/upload/documents/1/laweb08.pdf>
25. R. Abbasi, S. Chernov, W. Nejdl, R. Paiu, S. Staab - Exploiting Flickr Tags and Groups for Finding Landmark Photos. 31st European Conference on Information Retrieval, ECIR 2009, Toulouse, France, 6th-9th of April, 2009
Link to paper: <http://www.l3s.de/web/upload/documents/1/SergeyChernovECIR2009CameraReady.pdf>
26. K. Bischoff, C. S. Firan, R. Paiu - Deriving Music Theme Annotations from User Tags. Proceedings of the 18th International World Wide Web Conference, WWW 2009, Madrid, Spain, April 20-24, 2009, short paper (to appear).