

7 Publications

- [1] KRANENBURG, P. v. ; GARBERS, J. ; VOLK, A. ; WIERING, F. ; GRIJP, L.P. ; VELTKAMP, R.C.: Col-
laboration perspectives for folk Song research and music information retrieval: The indispensable role of
computational musicology. In: *Journal of Interdisciplinary Music Studies* (2009)
- [2] WIERING, Frans ; VELTKAMP, Remco C. ; GARBERS, Jörg ; VOLK, Anja ; VAN KRANENBURG, Peter ;
GRIJP, Louis P.: Modelling Folksong Melodies. In: *Interdisciplinary Science Reviews 34(2-3)* (2009)
- [3] GARBERS, J.: Software frameworks for systematic music processing. In: *Dagstuhl Seminar Proceedings*
09051, Knowledge representation for intelligent music processing (2009)
- [4] GARBERS, J.: Bridging Music Information Retrieval and Folk Song Research - The Computational Setup
of the WITCHCRAFT Project. In: *International Conference on Acoustics* (2009)
- [5] GARBERS, J. ; WIERING, F. ; BADE, Korinna ; NÜRNBERGER, Andreas ; STOBER, Sebastian: Supporting
Folk-Song Research By Automatic Metric Learning and Ranking. In: *Proceedings of the International*
Society on Music Information Retrieval (ISMIR 2009) conference, 2009, S. 741–746
- [6] VOLK, A. ; GARBERS, J. ; KRANENBURG, P. v. ; WIERING, F. ; GRIJP, L.P. ; VELTKAMP, R. C.: A manual
annotation method for melodic similarity and the study of melody feature sets. In: BELLO, J. P. (Hrsg.)
; CHEW, E. (Hrsg.): *Proceedings of the ninth International Conference on Music Information Retrieval*,
2008
- [7] GARBERS, J. ; WIERING, F.: Towards structural alignment of folk songs. In: BELLO, J. P. (Hrsg.) ; CHEW,
E. (Hrsg.): *Proceedings of the ninth International Conference on Music Information Retrieval*, 2008
- [8] KRANENBURG, P. v. ; GARBERS, J. ; VOLK, A. ; WIERING, F. ; GRIJP, L.P. ; VELTKAMP, R. C.: Towards
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; TYPKE, Rainer (Hrsg.): *Proceedings of the Eighth International Conference on Music Information Re-*
trieval, Austrian Computer Society, 2007, S. 505–508
- [9] GARBERS, J. ; VOLK, A. ; KRANENBURG, P. v. ; WIERING, F. ; GRIJP, L. ; VELTKAMP, R. C.: On pitch
and chord stability in folk song variation retrieval. In: *Proceedings of the First International Conference*
of the Society for Mathematics and Computation in Music (to be published), 2007
- [10] GARBERS, J. ; VOLK, A. ; KRANENBURG, P. v. ; WIERING, F. ; GRIJP, L. ; VELTKAMP, R. C.: Comparing
Computational Approaches to Rhythmic and Melodic Similarity in Folksong Research. In: *Proceedings*
of the First International Conference of the Society for Mathematics and Computation in Music (to be
published), 2007
- [11] GARBERS, J. ; KRANENBURG, P. v. ; VOLK, A. ; WIERING, F. ; GRIJP, L. ; VELTKAMP, R. C.: Using
pitch stability among a group of aligned query melodies to retrieve unidentified variant melodies. In:
DIXON, Simon (Hrsg.) ; BAINBRIDGE, David (Hrsg.) ; TYPKE, Rainer (Hrsg.): *Proceedings of the eighth*
International Conference on Music Information Retrieval, Austrian Computer Society, 2007, S. 451–456
- [12] VOLK, A. ; GARBERS, J. ; KRANENBURG, P. v. ; WIERING, F. ; GRIJP, L.P. ; VELTKAMP, R. C.: Applying
Rhythmic Similarity Based on Inner Metric Analysis to Folksong Research. In: DIXON, Simon (Hrsg.) ;
BAINBRIDGE, David (Hrsg.) ; TYPKE, Rainer (Hrsg.): *Proceedings of the Eighth International Conference*
on Music Information Retrieval, Austrian Computer Society, 2007, S. 293–296
- [13] GARBERS, J.: An integrated MIR programming and testing environment. In: *Proceedings of the seventh*
International Conference on Music Information Retrieval, University of Victoria, 2006
- [14] GARBERS, J. ; NIEMANN, M. ; MOCHOL, M.: A Personalized Hotel Selection Engine. In: *Proceedings of*
the European Semantic Web Conference 2006 (2006)
- [15] GARBERS, Jörg: Geist-eScience: Programmieren für die Wissenschaft (Manuskript). In: *Geburtstagsband*
für Bernd Mahr (2005)
- [16] NOLL, Thomas ; GARBERS, Jörg ; BRAND, Monika ; NESTKE, Andreas ; VOLK, Anja: Computer-Aided
Representation, Analysis and Conveyance of Musical and Music-Theoretical Structures / TU-Berlin. 2004.
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- [17] GARBERS, Jörg: *Integration von Bedien- und Programmiersprachen am Beispiel von OpenMusic, Humdrum und Rubato*, Fakultät IV – Elektrotechnik und Informatik der Technischen Universität Berlin, Diss., 2004
- [18] GARBERS, Jörg ; NOLL, Thomas: Harmonic Path Analysis. In: *Lluis-Puebla, Emilio, Guerino Mazzola und Thomas Noll (eds.): Perspectives in Mathematical and Computer-Aided Music Theory*, Verlag epOs-Music, Osnabrück (2003)
- [19] GARBERS, Jörg: User Participation in Software Configuration and Integration of OpenMusic, Humdrum and Rubato. In: *Lluis-Puebla, Emilio, Guerino Mazzola und Thomas Noll (eds.): Perspectives in Mathematical and Computer-Aided Music Theory*, Verlag epOs-Music, Osnabrück (2003)
- [20] GARBERS, Jörg: Konzept eines Musiktheorie-Servers. In: *Enders, B. (ed.): Global Village, Global Brain, Global Music, KlangArt '99 Proceedings*, Osnabrück (2003)
- [21] GARBERS, Jörg: KIT-MaMuTh Zwischenbericht: Softwareentwicklung / TU-Berlin. 2002. – Forschungsbericht
- [22] GARBERS, Jörg: *Erweiterung eines Systems zum Parsen deutscher Sätze*, Institut für Informatik der Freien Universität Berlin, Diplomarbeit, 1997

8 Conference Talks

- International Conference on Music Information Retrieval (ISMIR), 2009 (Kobe, Japan), 2007 (Vienna, Austria), 2006 (Victoria, Canada)
- International Conference on Acoustics, NAG/DAGA 2009 (Rotterdam, Netherlands)
- International Conference of the Society of Mathematics and Computation in Music, MCM 2006 (Berlin, Germany)
- Several IRCAM Forum Software Workshops, 2000–2003 (Paris, France)
- International Seminar on Mathematical Music Theory 2002 (Zurich, Switzerland), 2000 (Sauen, Germany)
- Society IFM/i2musics 2000 (Zurich, Switzerland)
- IMS Study Group on Computer Applications in Musicology 2002 (Leuven, Belgium)
- Klangart 1999 (Osnabrück, Germany)