



INDIANA UNIVERSITY
SCHOOL OF INFORMATICS

TENURE-TRACK FACULTY POSITION IN MUSIC INFORMATICS

The Indiana University School of Informatics seeks to fill a position in Music Informatics starting in August 2008. The position is expected to be at Assistant Professor rank, though an appointment at the rank of Associate or Full Professor is possible for an outstanding candidate with appropriate qualifications. Indiana University is home to the internationally recognized Jacobs School of Music, as well as the Variations3 Digital Library project. These resources, combined with the vibrant and interdisciplinary environment of the School of Informatics, provide a unparalleled home for researchers pursuing music informatics.

We expect applicants to have earned a PhD, to have a strong background in a technical area such as computer science, applied mathematics, or engineering, and to have deep experience with some aspect of music, such as composition, performance, or theory. A potential member of our group will be a dedicated researcher, with a strong record of publication in scientific and music-science journals. Candidates should also demonstrate potential for teaching excellence at a variety of levels. A successful candidate will also have either a record of funded research, or strong potential for garnering external support.

The research mission of our group encompasses both methodological and applied research. For the applied component, we seek candidates who will contribute to musical communities such as performers, teachers, scholars, and those interested in music commerce. Such research may include tools or systems for music search and retrieval, music data analyses, new performance paradigms, music pedagogy, music recognition through audio, image and video, and many others. While the applied component is important, we seek candidates whose research goes beyond applications, and also includes deeper musical questions, such as the nature of musical expression, music perception, or design of future generations of musical instruments. We also seek candidates who develop original scientific methodology whose value is not limited to the musical domain. Such methodology should be of sufficient quality and originality to merit publication in the candidate's home discipline.

The teaching mission of the music informatics program includes a new PhD program, a two-year MS program, as well as an undergraduate component. The successful candidate will be comfortable contributing to all levels of this curriculum. Our graduate curriculum presents a broad perspective on scientific music research, including cutting-edge developments from communities such as digital signal processing, music information retrieval, computer music, etc., as well as traditional areas such as computer science and statistics. In addition to classroom teaching, candidates should enjoy mentoring and working closely with graduate students of differing backgrounds through project-oriented collaborations.

The School of Informatics offers excellent work conditions, including attractive salaries and research support, low teaching loads, and world-class computing and library facilities. Located in the rolling, wooded hills of southern Indiana, Bloomington is a thriving college town with a thriving arts culture and a moderate cost of living.

Applicants are invited to apply by sending a statement of interest and curriculum vitae to Professor Christopher Raphael, Director of the Music Informatics Program, and Chair of the Search Committee, at infosear@indiana.edu. Review of applications will begin Jan. 10 and continue until the position is filled. Indiana University is an Equal Opportunity/Affirmative Action employer.