

# Panel on Music Information Retrieval Evaluation Frameworks

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## 1. INTRODUCTION

At ISMIR 2000, symposium organizers presented attendees with the challenge to begin thinking about what a formal framework for meaningful MIR evaluation might look like. At ISMIR 2001, an informal session to discuss the creation of standardized MIR test collections, tasks and evaluation metrics was convened that resulted in two important outcomes. First, it led to the adoption of a formal resolution expressing the pressing need to establish a MIR evaluation framework that could be used by all in the multidisciplinary and multinational MIR research community. This resolution now bears the signatures of 80+ researchers and interested parties and faithfully represents the breadth of MIR's contributing disciplines and nationalities (<http://music-ir.org/mirbib2/resolution>). Second, it led directly to the upcoming *Workshop on the Creation of Standardized Test Collections, Tasks, and Metrics for Music Information Retrieval (MIR) and Music Digital Library (MDL) Evaluation* at the Second Joint Conference on Digital Libraries (JCDL 2002) to be held in July 2002 (<http://www.ohsu.edu/jcdl/>). This ISMIR 2002 panel on MIR Evaluation Frameworks will build upon and extend the findings of the JCDL workshop. I hope to have this panel session lead to the development of prototype collections, tasks, and metrics that could be unveiled at ISMIR 2003.

## 2. PANELISTS

The panel will have 3 classes of presenters represented:

1. Those who will be reporting on, and *extending*, the findings of the JCDL workshop.
2. Those who were unable to contribute to the JCDL workshop so new viewpoints and issues may be considered.
3. Those who have experience and expertise in other standardized evaluation projects such as, for example, the TREC programme (<http://trec.nist.gov>) and the *DELOS Workshop on Evaluation of Digital Libraries: Testbeds, Measurements, and Metrics* (6-7 June 2002, <http://www.sztaki.hu/conferences/deval/>).

Deadlines concerning submissions will be fixed at a later date. Updates on the panel will be posted to [music-ir@ircam.fr](mailto:music-ir@ircam.fr) list. Subscription information can be found *via* the ISMIR 2002 homepage. The [music-ir@ircam.fr](mailto:music-ir@ircam.fr) list is archived at <http://www1.ircam.fr/listes/archives/music-ir/maillist.html> for those not eager to subscribe to another email list.

## 3. MODERATOR'S BIOGRAPHY

J. Stephen Downie is an Assistant Professor at the Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign. He holds a BA in Music Theory and Composition, an MLIS, and a PhD, all from the University of Western Ontario. He teaches in the areas of information retrieval, information representation, and information processing at the undergraduate, masters and doctoral levels. Stephen's research and publications focus upon the design and evaluation of MIR systems and informetrics. He led the *Exploratory Workshop on Music Information Retrieval* at SIGIR '99. Dr. Downie was named a faculty fellow of the National Center for Supercomputing Applications for 2000-2001. He has been very active in helping establish a vibrant MIR research community through his organizational efforts to make the International Symposia (now Conferences) on Music Information Retrieval an ongoing success: He was ISMIR 2000 programme chair, ISMIR 2001 general chair, and now chairs the ISMIR 2002 Panels and Tutorials committee. Prof. Downie is chair of the upcoming *Workshop on the Creation of Standardized Test Collections, Tasks, and Metrics for Music Information Retrieval (MIR) and Music Digital Library (MDL) Evaluation* at the Second Joint Conference on Digital Libraries (JCDL 2002). He is also head of the Mellon-funded *Music Information Retrieval Annotated Bibliography Project* (<http://music-ir.org>).

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