Music Information Retrieval –

User-centered approach

GLIS 692

Tentative course outline

Elective course – Fall 2015
Fridays 8:35-11:25, rm. 106 School of Information Studies, 3661 Peel

Instructor: Prof. Catherine GUASTAVINO, catherine.guastavino@mcgill.ca
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Always use your McGill address to communicate with me via e-mail.

Learning outcomes

- To acquire knowledge of terminology and principles of Music Information Retrieval (MIR) with a focus on the users of MIR systems.
- To understand recent developments and applications in MIR.
- To critically discuss research methods and findings from user studies in MIR.
- To design and pilot a user study in Music Information Retrieval.

Course content

- Foundations of Music Information Retrieval
- System-centered and user-centered approaches
- Digital audio
- Auditory perception
- Music representations
- Music feature extraction
- Content-based and context-based description
- Online music databases
- Relevance for music
- Similarity measures
- Music Information Behavior
- Experimental design considerations
- User studies

Instructional methods

Lectures, seminars, guest lectures, and student presentations.
Readings for weeks 1-3


Catherine Guastavino, June 2015.