



「J. Stephen Downie 先生の講演会」 報告書

城研究室 joe@ics.nara-wu.ac.jp, yuyi@ics.nara-wu.ac.jp

院生企画セミナーは、授業の一環として、博士後期課程の学生と教員が協力して聞きたい話の講演等を行われています。今回は情報科学科の学生による企画セミナー「An Overview of Music Information Retrieval/MIR and Music Digital Library/MDL Evaluation Project」と題して、イリノイ大学アーバナシャンペーン校 J. Stephen Downie 准教授を講師に招いて、5月9日（水）に開催されました。

J. Stephen Downie 先生の講演は、大学院での研究の進め方や院生に対する指導という点からみても、非常に興味深い内容でした。講演会は約2時間で、当初の予定より20分ぐらい伸び、熱心な議論が行われました。情報科学科の教官、外来聴講者（関西学院大学理工学研究科）、そして学生等、およそ36名程度が参加しました。講演終了後、Stephen 先生を囲んで色々お話を伺って懇親会が行われました。ご多忙にもかかわらず、来学くださった J. Stephen Downie 先生に感謝申し上げます。



「An Overview of Music Information Retrieval/MIR and Music Digital Library/MDL Evaluation Project」講演会風景

【講演要旨】

The Music Information Retrieval (MIR) / Music Digital Library (MDL) Evaluation Project covers the period from November 2003 to December 2007. The project is being run out of the International Music Information Retrieval Systems Evaluation Laboratory (IMIRSEL). IMIRSEL is located at the Graduate School of Library and Information Science (GSLIS) of the University of Illinois at Urbana-Champaign (UIUC). The project comprises two complementary research goals: I. the establishment of internationally accessible mechanisms and evaluation standards for the comprehensive evaluation of MIR and MDL systems; II. the formal investigation of the human factors involved in the creation, use and evaluation of MIR and MDL systems.

To achieve these research goals, IMIRSEL has divided its work into three mutually supporting research subprojects. In order of presentation in the report, these projects are: 1. The HUMIRS (Human Use of

Music Information Retrieval Systems) project, designed to provide answers to the Who, What, Where, When, Why and How questions as they pertain to the use of MIR and MDL systems. 2. The Virtual Research Labs (VRL) using Music-to-Knowledge (M2K) project, undertaken to provide a uniform mechanism for the international MIR/MDL community to access the standardized resources of IMIRSEL in a robust, yet secure, manner. 3. The Music Information Retrieval Evaluation eXchange (MIREX) project, the evaluation framework under which the MIR/MDL research community comes together to scientifically compare and contrast their technological solutions to a variety of MIR/MDL problems.

Prof. Stephen show us some useful URLs to help understand interests of their researches.

Project Website:

<http://music-ir.org/evaluation>

M2K Demonstration Videos:

<http://www.music-ir.org/m2kvid/>

Music Information Retrieval Evaluation eXchange (MIREX) Wiki:

<http://music-ir.org/mirexwiki>

MIREX "Do-It-Yourself" Webservice Prototype:

<http://cluster3.lis.uiuc.edu:8080/mirexdydemo>