

第129回知的コミュニティ基盤研究センター研究談話会

2016年1月26日(火) 13:00 - 14:40

筑波大学 筑波キャンパス 春日エリア 情報メディアユニオン3階 共同研究会議室 1

第1部 藤永 一郎 氏

13:00 - 13:45

マギル大学 シューリヒ音楽学部 准教授

“Single Interface for Music Score Searching and Analysis Project”

A thousand years of print and manuscript music sits on the shelves of libraries and museums around the globe. While on-line digitization programs are opening these collections to a global audience, digital images are only the beginning of true accessibility since the musical content of these images cannot be searched by computer. The goal of the Single Interface for Music Score Searching and Analysis project (SIMSSA: <http://simssa.ca>) is to teach computers to recognize the musical symbols in these images and assemble the data on a single website, making it a comprehensive search and analysis system for online musical scores. Based on the optical music recognition (OMR) technology, we are creating an infra-structure and tools for processing music documents, transforming vast music collections into symbolic representations that can be searched, studied, analyzed, and performed.

第2部 Stephen Downie 氏

13:55 - 14:40

イリノイ大学アーバナ・シャンペーン校 図書館情報学大学院 副研究科長・教授

“The Challenges of MIREX: Maximizing evaluation access within the bounds of copyright restrictions”

The Music Information Retrieval Evaluation eXchange (MIREX; <http://music-ir.org/mirexwiki>) had its first plenary meeting at Queen Mary College, University of London in October 2005. It has been run annually each year since 2005 with the upcoming August 2016 plenary marking its 12th iteration. MIREX has evaluated some 2761 individual music information retrieval (MIR) algorithm runs over 54 different test collections. The MIREX evaluations represent the wide range of MIR tasks and sub-tasks that have interested researchers over the years. MIREX has involved researchers from over 24 different countries with a median of 109 individual participants per year. This talk summarizes the history of MIREX from its earliest planning meeting in 2001 to the present. It will reflect upon the challenges MIREX has faced and reflect upon how those challenges have been surmounted. In particular, we will discuss how MIREX and the MIR community has dealt with the conflicting requirements of running an evaluation that is as open as possible while still respecting copyright restrictions. The presentation will propose some new models--some evolutionary, some revolutionary--for the continued success of MIREX. Audience members are encouraged contribute their personal suggestions and ideas.

参加費無料、参加申し込み不要。

学生、教員、一般、学内外を問わず、どなたでもご自由にご参加下さい。

講演は英語で行われます。

This Seminar will be
presented in English.

主催：筑波大学 知的コミュニティ基盤研究センター
<http://www.kc.tsukuba.ac.jp/index.html>

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