

# Keynote: Large-Scale Evaluation of Multi-Class Music Classifiers: the HiFind Experiments

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**Abstract.** I will report on a unique large-scale experiment aiming at validating several approaches in supervised classification of audio signals. The experiments used a 40,000 title database with about 600 Boolean attributes per title. I will discuss the results obtained, notably the influence of features on the performance, the issues of attribute grounding, and a novel classifier fusion approach aiming at improving the performance of the basic classifiers. I will discuss the (negative) implications of this study on Hit Song Science, and will stress on the importance of generating high-level features for semantic music extraction.