



**Interdisciplinary Workshop for Undergraduate Students**  
**May 14-19, 2017**

**Project:** *Automatic Genre Classification of Music Pieces* [Music]

**Speaker:** Sercan Yildiz

**Abstract:**

Music information retrieval is an interdisciplinary area that uses tools from signal processing and pattern recognition to extract information from music samples. An important task in music information retrieval is genre classification. In this project, the participants will use several machine learning techniques to develop music genre classifiers based on audio and textual features, and evaluate the performance of these classifiers real data.