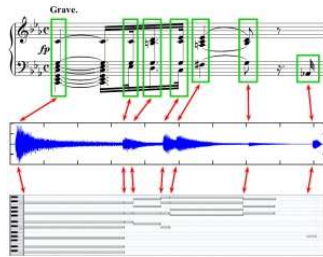


Proseminar
Multimedia Information Retrieval
Summer Term 2011

Instructor: Meinard Müller
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Content

In this seminar, we study fundamental algorithms and concepts for the analysis, classification, indexing, and retrieval of time-dependent data streams considering music and audio data as well as motion capture data as examples. Important aspects concern the design of suitable features, the notion of similarity used to compare data streams, as well as data organization. One general goal of this seminar is to highlight the interplay between modeling, experimentation, and mathematical theory as well as to give some insights into active research fields. In particular, we cover the following topics:

- Content-based Motion Retrieval (3 talks)
- 3D Pose Estimation (3 talks)
- Content-based Audio Retrieval (3 talks)
- Audio Alignment and Music Synchronization (3 talks)

Place and Time:

Place: Campus E1.4 (MPI), Room 019

Dates and Times for Presentations:

- May 05, 16:00-18:30
- May 12, 16:00-18:30
- May 19, 16:00-18:30
- May 26, 16:00-18:30
- June 09, 16:00-18:30
- June 16, 16:00-18:30

Application and Information:

Preparatory meeting: April 7 (Thursday), 16:15-17:00, Campus E1.4 (MPI), Room 019. If you are interested in this seminar, **please do come to this preparatory meeting.**

Website:

http://www.mpi-inf.mpg.de/departments/d4/teaching/ss2011/psmir_mm/index.html