Département de / Department of

Musique Music

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CONFÉRENCE / LECTURE

Melody sings first.
Computational Approaches to Piano Performance

This talk presents computational approaches to understanding expressive music performance - in particular piano performance. It sets out with the task of how pianists bring out a particular voice on the piano. They usually do not only emphasize a voice by increasing its intensity, but also with bringing it a bit earlier than the other chord tones (melody lead). This particular phenomenon can be largely explained by mechanical properties of the piano action; however, perceptual implications such as a singing quality of a voice may still be associated with this effect. Furthermore, visualization techniques for integrated display of expressive parameters will be shown and their applications discussed. The talk shall close with a demonstration of a real-time software system that displays performance data as it comes e.g., from a computer-monitored piano. Previously made claims (as e.g., on the melody lead effect) can be judged on the spot.

Dr. Werner Goebl

(Université McGill / McGill University)

VENDREDI
17 NOVEMBRE
DE 14 H 30 À 16 H
SALLE FREIMAN

FRIDAY
NOVEMBER 17
2:30 PM - 4:00 PM
FREIMAN HALL

PAVILLON PÉREZ BUILDING
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