

DIDACTICA - Workshops ***“Music & Science on Stage”***

Les 4, 5, 13 et 14 juillet 2012

Montreux Jazz Festival



Cinq ateliers proposés par le
Pôle de recherche national
en sciences affectives (PRN
Sciences Affectives) dans
le cadre du programme
Didactica organisé par la
Fondation Montreux Jazz 2.

Comment la musique exprime les émotions

Prof. Didier Grandjean et Kim Torres-Eliard (UNIGE)

04.07.2012 à 15h00 – Petit Palais (*en français*)

Au cours de cet atelier, les liens entre les paramètres acoustiques, la structure musicale et les émotions exprimées par la musique seront examinés à travers une approche pluridisciplinaire intégrant les dernières recherches en psychologie de la musique et des neurosciences affectives.

Computing the social dimension of music

Prof Didier Grandjean (UNIGE) et Prof Antonio Camurri (Università di Genova)

04.07.2012 à 17h00 – Petit Palais (*en anglais et français*)

How are musicians able to synchronize with each other during a musical performance? How are they “connected” to the audience? During this workshop we will discuss how to compute and quantify the affective, motoric, and brain mechanisms underlying these human abilities, i.e. the social interactions in artistic musical performances.

Jazzy movies: Martin Scorsese and syncopation

Prof Patrizia Lombardo (UNIGE)

05.07.2012 à 17h00 – Petit Palais (*en anglais*)

Syncopation is one of the main characteristics of jazz. Scorsese uses jazz and pop music in his films; his jazzy composition structures both sound track and frame creating a strong emotional impact on spectators. A few clips will be analyzed.

Embodying emotion in the perception and production of music

Prof Paula Niedenthal (University of Wisconsin-Madison, USA)

13.07.2012 à 15h00 – Petit Palais (*en anglais*)

This talk will discuss the way that people use their bodies to both produce and perceive emotional aspects of music. Research findings will be used to illustrate the close relationships between the brain areas that support emotion, music, and action.

Neuroscientific view on emotions in music and the voice

Wiebke Trost (UNIGE) et Dr Sascha Fruehholz (UNIGE)

14.07.2012 à 17h00 – Petit Palais (*en anglais*)

The similar ways of expressing emotions in music and in the voice suggest similar brain mechanisms for their perception. This workshop will provide an overview on the joint neural basis of emotions felt and expressed by music and the voice.