



SYN7

Affective Computing (AC) has been a popular field of research for several years. Much research has been done to enable machines to detect and understand human affective states such as emotions. The inability of today's systems to recognise, express and feel emotions limits their ability to act intelligently and interact with people naturally. To become more user-friendly and effective, systems must become sensitive to human emotions.

De Wilde's software prototype is a first attempt to bridge the communication gap between human users and computers with a "soulless" and "emotionless" feeling. It is the first step in developing a multimodal, emotion-based, responsive and interactive artistic installation based on an AI-based model designed to extract information about the user's emotion from different devices and media.

Conclusion: emotional intelligence is the key to unlocking machines that are not only more general, robust and efficient, but also attuned to people's values and emotions.

The realization of the prototype takes place within the framework of the collaboration between Arteconomy and the co-creation hub Hangar K i.e. in the project Hangar Krowd with the support of the Flemish Government.