

# Neuro Mirror

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<http://www.itaucultural.org.br/programe-se/agenda/evento/consciencia-cibernetica/>



This interactive installation deals with the image we have of ourselves and of others. In 1999 the Italian neuro-physiologist Giacomo Rizzolatti and his team discovered the so-called mirror neurons. Mirror neurons are activated in the temporal lobe of our brain each time we observe other people's actions. What is interesting is the fact that the same neurons are activated when we perform these actions ourselves. Another important factor is that mirror neurons allow an immediate and intuitive comprehension: someone's facial expressions, how he/she speaks, behaves and moves, all this is immediately processed in the mirror neurons.

The interactive installation "Neuro Mirror" deals with these scientific findings in an artistic way. It is a participative installation where visitors see themselves on three screens, arranged like a triptych. The screen in the middle displays the participant's image in real time, while the screen of the left shows his or her image from the past. The screen on the right however represents an alter ego, who reacts and learns from one's own actions based on neuronal networks.