

*Understanding children's
play to gain insight into
their development*

You Play
I Learn



AutoPlay

AutoPlay is our main project founded on top of our philosophy, whose goal is to understand the objective evolution of children. AutoPlay is a concept based on the philosophy "You Play. I Learn.". Our idea is to gain insight into the developmental patterns of children through the unobtrusive observation of AUTOnomous PLAY. As children play with sensor-equipped toys, their manipulation patterns are measured and evaluated. This gives us the opportunity to: perform an early analysis of the evolution of the child; identify children with specific needs due to a fragility of the neurological development (i.e., autism); reduce the time to the treatment which become more effective; support parents and child living in vulnerable conditions (i.e., ludic deprivation).



Our philosophy

We believe in the power of technology as a mean for enhancing our lives. However, an inappropriate usage of technology can negatively influence us, and especially our kids. This is the reason why we mainly focus on children and families, and for them we envision a clean usage of technology, which is not anymore a mere mean for entertainment, but an innovative support for a good development. Thanks to the technology we aim at reducing inequality in the social and educational systems in order to make health accessible to everybody!

Who we are

We are an applied research group with complementary expertise in occupational therapy, computer science, and data science. We are interested in the usage of a clean technology as a support for an healthy youth.



If you are interested or you want to collaborate, please contact us!
e-mail : autoplay@supsi.ch web : <http://autoplay.t4hy.ch/>
University of Applied Sciences and Arts of Southern Switzerland (SUPSI)