

“ From Linear Storytelling to Education Everywhere, All the Time ”

MaTHiSiS is a novel and continuously adaptable “robot/machine/computer”-human interaction educational scheme based on custom-made and adaptable learning goals.

Learning vision

The MaTHiSiS learning vision is to provide an educational ecosystem as-a-product for vocational training and mainstream education for individuals with or without intellectual disabilities.

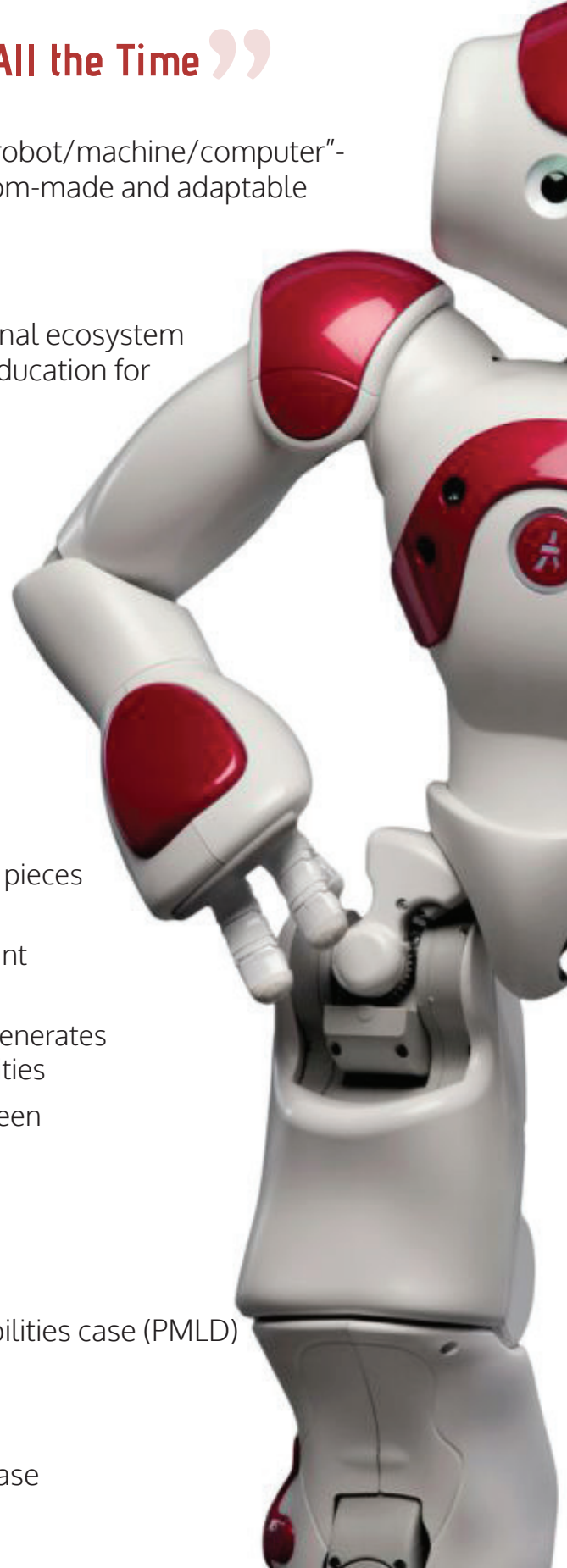
This educational ecosystem consists of an integrated platform, along with a set of reusable learning components (educational material, digital educational artefacts, etc.), which responds to the needs of a future educational framework.

MaTHiSiS learning innovations

- Learning Graph(s) (LGs): particular interrelated competences learners need to acquire to achieve a specific learning objective
- Smart Learning Atoms (SLAs): atomic and complete pieces of knowledge and/or skills to be learnt
- An ontology modelling learning activities and relevant information
- A graph-based interactive storytelling engine, that generates interactive content which materializes learning activities
- Synchronous and asynchronous collaboration between interactive devices


MaTHiSiS Use Cases

- Use Case 1: Autism Spectrum Case (ASC)
- Use Case 2: Profound and Multiple Learning Disabilities case (PMLD)
- Use Case 3: Mainstream Education Case (MEC)
- Use Case 4: Industrial Training Case
- Use Case 5: Career Guidance Distance Learning Case







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