



BROKERAGE FOR HEALTH

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session



Adaptive Rehabilitation with AI
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Project idea/ Company expertise

We aim to customize the rehabilitation exercises of patients with motoric impairments by means of artificial intelligence. The intended product is a computer game system that generates various stimuli and evaluates the condition of the patient.

Expertise: many national research projects, FP6, FP7, H2020.

Topic

We have the capacity to participate in:

- (Big) data analytics, data mining, knowledge retrieval using the methods of AI (diagnostics).
- Optimization in general using AI (e.g. evolutionary computation, reinforcement learning).
- 3D print (also titanium alloy), wearable sensor systems, smart braces.

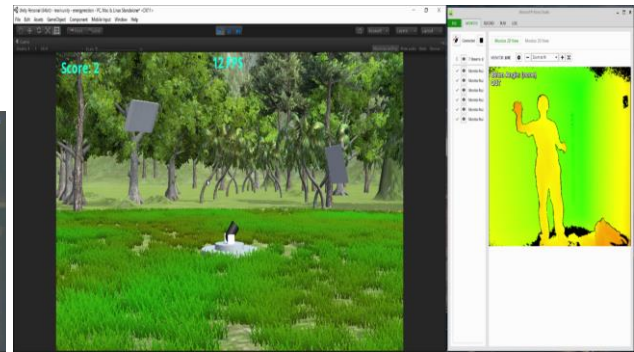
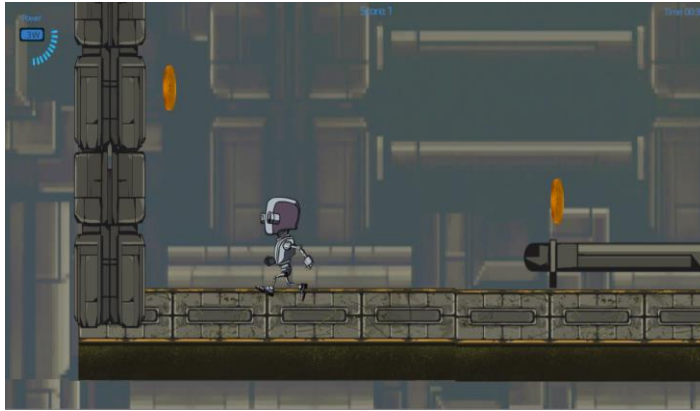
Topic

- Home assistance (elderly, cognitive excercises ...)
- Computer game development
- Košice: European capital of culture 2013 (creative people)
- Trust and security: business models for data sharing.
- Societal impact modelling.

Topic

- Model Grant Agreement Working Group member.
- Project evaluators.
- Medi Valley (regenerative medicine) was founded in Košice.

Examples





Contact details

Thank you!

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