



DigiEduHack Challenge

Emerging Technologies for Education

The future of learning - think like a human

"Hey machine, what am I?" "You're a human, think about it."

How do we make sense of all information online? How can we support understanding of the world, and thus to make informed decisions? How can we improve thinking, like critical thinking, spatial thinking, system thinking, imagination or sustainable thinking with a blend of online and actual places?

The future of learning - think like a human

We live now in the era of online information. We empower AI to serve us recommendations of what to look next and robotics to do skilled work. What makes us humans unique and different from AI and robots? What kinds of thinking do we want to outsource to AI and what to do ourselves? This is crucial challenge as universities around the world are transforming their education offerings to match the the future of learning. What kind of learning experience designs can you envision?

How to prepare for the challenge?

Please check widely what kind of online , in situ or other options there are to learn thinking. Please check also our Aalto Online Learning pilots via <https://onlinelearning.aalto.fi/pilots> for examples of different kinds of online learning themes (virtual reality, augmented reality and so on). Think and share who will better learn some form of thinking, for instance spatial thinking, critical thinking or sustainable thinking. Who or which group will benefit from your solution to the challenge? Please pick up an at least one example person (so called persona), give her/him a name, age, background, life context, work experience, in other words. In other words, bring her to life to illustrate how your approach supports her to learn skills or thinking she, her peers and the society will benefit from.

Why is it important to find a solution to this challenge?

We live in the era of huge amounts of information available at online platforms, in our libraries, universities and cultural heritage institutions. People spend an increasing time online in social media

platforms browsing, commenting and producing content. Students at all levels of our education, together with lifelong learners seek skills and competences for their personal and working life. But how and when this all supports us to better understand the world, create and design novel settings, and make informed decisions? How do we design learning to be engaging, to support those many types of thinking that we need: creative thinking, imagination, critical thinking, spatial thinking or sustainable thinking? What is the blend of all online information, tools and our urban and natural places, and the configuration that you think can provide a solution for us all to develop and learn thinking in its different forms?

What is the possible impact of a good solution?

Lifelong learners are looking for ways to learn to understand the complexity of global world, given sustainable development goals, economic pressures and social challenges. A good solution will take a brave step to offer an engaging and exciting experience for learners to learn to think in the era of online.

What is the expected outcome of this challenge?

The outcome of your group's work can be anything that supports to learn different forms of thinking. Your solution can be a new idea or concept, or it can be a way to use university's existing online approaches in a creative way, or it can be a set of exercises done online or in places, or it can be an app. It can also be a new detailed design of a learning experience, or it can be a new course or even new online master's programme. It can be anything that you can dream of, work on and communicate to others, and convince the world! What would your dream look like?