

25th International Conference on Interactive Collaborative Learning 51st IGIP International Conference on Engineering Pedagogy

ICL2022 "Learning in the Age of Digital and Green Transition"

Hilton Park Vienna, Austria, 27–30 September 2022

ICL Special Session Call for Papers

Title

Approaches of Digital Inclusion for Vulnerable Target Groups through Education. Developing Understanding from Transnational Perspectives.

Acronym

[Digital Inclusion for Vulnerable Target Groups through Education]

Overview

The integration of vulnerable target groups, e.g. migrant women with low qualifications into society and the world of work is an important and increasing task in inclusion work in Europe in the coming years. Connecting inclusion and use of digitalization in the gualification process will be of decisive importance. Not least in order to counteract existing developments, such as the OECD's assessment that the increasing automation of the world of work threatens the jobs of low-skilled workers in particular in an on the other hand often emptied labor market. Here, the session picks upon the need to also introduce low qualified people with a migration background. This is a target group that - with a few exceptions such as smartphone use - so far hasn't considered the topic of digitalization to be of importance, due to both a manageable level of interest and, in part, an understanding of roles shaped by their countries of origin. Adult education today is inconceivable without the use of digital teaching and learning tools. However, in the area of qualification of vulnerable target groups with little previous knowledge, concepts, practicable teaching and learning materials geared to the respective learning objective are not available or only in rudimentary form. This means that trainers and teaching staff cannot qualify them in accordance with the current limitations (e.g. COVID 19 or the large migration waves in Europe) and expected requirements arising from the digital transformation. Thus chances of inclusion into the labor market rely on corresponding qualifications which itself rely on suitable offers of educational and migration institutions.

Concluding from this situation, the special session shall elaborate relevant areas:

- 1) gain insights into the status and need for action in the implementation of the European Digital Competence Frame work (DigComp) among vulnerable target groups;
- 2) develop criteria and guidelines for digital learning in an application-oriented manner connected to develop digital learning arrangements;



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3) develop curricula for trainers and teaching staff for the use of digital learning arrangements and to implement them in LTTA.

The integrative consideration of the needs of the target groups, the opportunities but also the necessity of digital learning and the action-oriented learning concepts/ theories are the basis for developing innovative learning arrangements for anchoring digital learning in the qualification practice.

Note:

The special session will reflect experiences from transnational European Projects as "Strengthening inclusion opportunities for women with a migration background with digital learning" and other measures.

Topics

Action-Oriented Learning Curriculum Development Digital Inclusion Digital Learning Engineering Education European Digital Competence Frame work (DigComp) Labor Market Skill Development Training Programme Effectiveness Transnational Comparative TVET Research Vulnerable Target Groups Women and Migrants

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Members

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