SPECIAL TRACK PROPOSAL

Title: Process Mining in Education (PMEd)

Key Organizer(s):

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Description and significance of the Special Track:
The main track objective of this ST is to provide a privileged forum where practitioners, researchers, professors and university students discuss key issues related to the use of Process Mining Techniques in the education area.

Process mining techniques enable the analysis of a wide variety of processes in many different areas using event data. The education area is not an exception. Process mining and its potential uses in education is nevertheless attracting increasing research attention and it has been discussed by several researchers. The chance of using known Process mining techniques and technologies, or combined adaptations of them to aid the ideas´ production help produce pedagogical combinations, get unexpected, original, useful and satisfying responses addressed to a school context, and thus lead to innovation in Education. In addition, the way they are used is challenging.
However, despite the substantial progress in recent years, the conviction that the exploitation of this field is still in an early stage remains. Therefore, it is relevant to clarify the relationship between Education and Process mining.
Also, there is not, in Portugal, a conference or meeting on the subject and related areas. Therefore, it is relevant to create a dedicated space for exchanging experiences and to discuss the advances and research outcomes in this field.
This area is important for education and this could be a fast way to create a space for exchanging ideas and experiences that may lead to the development and improvement of innovative systems in educational organizations, preparing them for a global market and fierce competition.
PMEd 22 could be an excellent forum for young researchers who wish to make contributions in these research areas and see their work assessed and, in this sense, the PMEd 22 perfectly fits in TECH-EDU 2022 philosophy.

The PMEd 22 track accepts introductory and advanced proposals in Process Mining in Education technologies in these areas (e.g., position paper and full papers).