



## Technology, Knowledge and Learning

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## Guideline for Original Research

### About Technology, Knowledge and Learning

Technology, Knowledge and Learning emphasizes the increased interest on context-aware adaptive and personalized digital learning environments. Rapid technological developments have led to new research challenges focusing on digital learning, gamification, automated assessment, and learning analytics. These emerging systems aim to provide learning experiences delivered via online environments as well as mobile devices and are tailored to the educational needs, the personal characteristics and the particular circumstances of the individual learner or a (massive) group of interconnected learners.

### Overview

Original research papers are primarily concerned with empirical research in digital learning, gamification, assessment and learning analytics.

### Structure

Manuscripts should be prepared according to APA, 6<sup>th</sup> ed. and in accordance with the journals' **Instructions for Authors** ([http://www.springer.com/10758?detailsPage=plfci\\_1060680](http://www.springer.com/10758?detailsPage=plfci_1060680)). The following sections are essential.

#### *Introduction*

Provide the objectives and adequate theoretical and empirical background of the work. The section concludes with specific research questions and hypotheses.

#### *Method*

Detailed information on the participants, research design, materials, variables, procedure, and analysis is provided. This section should provide enough information to allow other researchers to replicate the reported work.

#### *Results*

Reported results should be concise and linked to the research questions and hypotheses.

#### *Discussion and Conclusion*

Explore the significance of the results and possible limitations of the work as well as suggest practical implications. The main conclusions of the work highlight the reported work and provide perspectives for future work.

#### *References*

Citations in the text shall follow the referencing style used by APA 6<sup>th</sup> ed. The reference list shall be arranged first alphabetically and further chronologically if necessary – see APA 6<sup>th</sup> ed.

### Submission

Manuscripts should be between **4,500 and 8,000 words** (including references, tables, figures) and shall be submitted through the journal's **Editorial Manager** (<https://www.editorialmanager.com/tknl/>).



<http://www.springer.com/journal/10758>

Technology, Knowledge and Learning

Main editor: Ifenthaler, D.

ISSN: 2211-1662 (print version)

ISSN: 2211-1670 (electronic version)

Journal no. 10758