



*University of Ljubljana*

# International Scientific Conference on Innovative Approaches to the Application of Digital Technologies in Education

**November 12-13, 2020  
Stavropol, Russia**

## Preface

The volume contains the papers presented at the *SLET-2020: International Scientific Conference "Innovative Approaches to the Application of Digital Technologies in Education"*, which took place online and in the North-Caucasian Federal University, Stavropol, Russia from November 12-13, 2020.

This is a scientific event dedicated to the exchange of advanced research experiences in the field of Information and Educational Technologies between Russia and Western countries. The aim of the contributions is to promote a discussion between research and practice and to share and exchange academic research results and practical experience.

The conference focuses on the following areas:

- Innovative approaches to teaching and learning with digital technologies
- E-learning and online learning
- Game-based learning
- ICT supported collaborative learning
- Multimedia teaching/learning materials, different forms of assessment
- ICT support for inclusive and special education
- The use of robotic systems for education

The contributions show from a theoretical and practical perspective how existing, emerging and future digital learning technologies can be better understood by learners and educators and how they can be usefully applied to contribute to efficient education. The authors look at the practical use of technologies for learning to improve, change or extend learning practice in formal and informal learning environments. The conference provides an opportunity for educators and researchers to reflect on different aspects of the use of digital technologies in education, on different teaching and learning paradigms and themes, and on the links to everyday life.

The conference received 117 contributions. Each submission was reviewed by up to three International Program Committee members, who assessed the quality, originality and relevance of all submissions to the conference. The Program Committee decided to accept 45 contributions for presentation at the conference and for publication in this conference proceedings.

In addition, the program also includes invited talk by Kristian Stancin and Natasa Hoic-Bozic from the University of Rijeka, Croatia "The importance of using digital games for educational purposes for students with intellectual disabilities".

We would like to thank all authors who prepared submissions, our Program Committee and our Organizing Committee for their hard work in these challenging times.

November 12-13, 2020  
Online  
North-Caucasian Federal  
University, Stavropol, Russia

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