EDITORIAL

The current issue of the quarterly scientific journal Education – Technology – Computer Science in 2022 consists of four main thematic parts.

Part one, entitled *Selected Problems of School Education*, features articles presenting, among other things, research on mapping pedagogical patterns that can be applied to the teaching of computational thinking, and teacher preparation in mathematics and ecological education.

The second part, titled *Selected Problems of Using Information Technology in Education*, consists of papers presenting, among other things, the concept of applying QEEG research in evaluating teaching activities in technical education; the interdisciplinary nature of augmented reality; a research- and problem--solving-oriented model for educating students in technical education in a general education school; and the possibilities of applying new 3D printing technologies in education.

The third part, entitled *Selected Problems of Professional Education*, describes in three articles the experimental verification of a model for the organization of professional education of communication management specialists in higher education institutions; the assessment of the compatibility of the professional competencies of graduate-ecologists with the needs of the labor market; and the need to find a balance between the protection of the fundamental rights of individual patients to privacy and dignity and the need for research by the pharmaceutical industry.

The fourth part, entitled *Selected Problems of Educational Research Conducted in the Doctoral Seminar*, describes here, among other things, the practical requirements for an educator as a diagnostician in an attempt to respond to the ever-changing regulations on organizing and providing psychological and pedagogical assistance in public schools; the use of mediation in the educational space of the teacher's work; and examples of the use of information and communication technology (ICT) tools in physics lessons.

Readers are encouraged to critically analyze and prepare polemical texts with regard to the various topics of educational research discussed in the pages of the quarterly.