



The 14th international scientific conference



FACULTY OF NATURAL SCIENCES
AND INFORMATICS
Constantine the Philosopher
University in Nitra



FACULTY OF INFORMATICS AND
MANAGEMENT
University of Hradec Králové



FACULTY OF SCIENCE
University of Hradec Králové

DiVAI 2022

Distance Learning in Applied Informatics

May, 2022

Scope

The scope of the conference includes but is not limited to the following major topics:

Information Technologies Supporting Learning

- Authoring Tools and Content Development
- Web-Based Learning, Wikis, and Blogs
- E-learning Platforms, Portals
- Digital Libraries for E-learning
- Multimedia and E-learning
- Mobile Learning
- Massive Online Open Courses
- Ontologies and Meta-Data Standards
- Emotional State in Education
- Process Identified using IoT

Learning/Teaching Methodologies, Assessment and Learning Environments

- Blended and Collaborative Learning
- Modeling of Educational Activities
- Personalized and Adaptive E-learning
- Assessment Methods in Blended Learning Environments
- Education Supported Smart Technologies
- Pedagogy Enhancement with E-learning
- Ubiquitous Learning Environments and Applications

- Technology Enhanced Learning
- Virtual Labs and Virtual Classrooms
- E-learning Success Cases

Intelligent Computing

- Web Information Filtering and Retrieval
- Web Data Mining
- Knowledge Discovery and Data Analysis
- Meta-Knowledge Discovery and Representation
- Personalized Web Sites and Services
- Natural Language Processing
- Information Retrieval and Extraction
- Educational Data Mining
- Learning Analytics
- Text Mining
- Internet of Things and Intelligent Systems
- Artificial Intelligence and IoT
- Machine Learning for Internet of Things

Special session INNO3D – 3D printing support service for innovative citizens

- The theoretical testing of 3D Printing Training curriculum
- Research study on impact of the 3D Printing Training curriculum
- 3D Printing teaching materials

The DiVAI 2012, 2014, 2016, 2018, 2020 conference proceedings were included in the WoS Clarivate Analytics Conference Proceedings Citation Index.

Important Dates

- *Paper submission:*
February 28, 2022
- *Paper acceptance:*
April 10, 2022
- *Camera-ready paper submission:*
April 24, 2022
- *Registration and payment:*
April 29, 2022
- *DiVAI 2022 Conference:*
May 2-4, 2022

Venue and Accommodation

The conference will be held in the **Hotel Thermal*** Recreation Complex**

Vadaš

Štúrovo, Slovakia
www.thermalhotel.sk

