

The 12th International Conference on Sustainability, Technology and Education (STE 2024) (part of the IADIS 18th Multi Conference on Computer Science and Information Systems 2024) was held in Budapest, Hungary 13-15 July, 2024.

This conference was organized by the International Association for Development of the Information Society (IADIS) and was published jointly with the 18th International Conference on e-Learning and Digital Learning (ELDL 2024). The 2024 edition had the purpose to address the main issues which occur by evaluating the relationship between Sustainability, Education and Technology. The main areas of interest for this conference are: Sustainability and Leadership, Sustainability and Green IT, Sustainability and Education.

These events received 189 submissions from more than 21 countries. Each submission has been anonymously reviewed by an average of four independent reviewers, to ensure that accepted submissions were of a high standard. Consequently, only 33 full papers were approved, which meant an acceptance rate of 18%. A few more papers were accepted as short and reflection papers and posters.

Extended versions of the best papers were selected to be published in:

- ❖ the IADIS International Journal on WWW/Internet (IJWI). ISSN: 1645-7641



Besides the presentations, the conference also included one keynote speech by Professor Helen Crompton, Executive Director of the Research Institute of Digital Innovation in Learning (RIDIL), Old Dominion University, USA. It also featured:

- ❖ Special talk entitled “EVERY TEACHER HAS THEIR OWN VOICEBOT: IS IT WORTH THE COSTS?” by Professors: Cathie Norris, Regents Professor, University of North Texas, USA, Professor Elliot Soloway, Arthur F. Thurnau Professor, University of Michigan, USA, and Professor Anne Tapp, Saginaw Valley State University, USA;
- ❖ Tutorial entitled “HOW TO DESIGN ONLINE STEM COURSES WITH CREATIVE LEARNING” by Veronica Ruberti, Lorenzo Benussi, Chiara Ciociola and Flavio Renga, LINKS Foundation, Italy.



Keynote Presentation:

GENERATIVE AI: AFFORDANCES AND CHALLENGES FOR EDUCATION

By Professor Helen Crompton, Executive Director of the Research Institute of Digital Innovation in Learning (RIDIL), Old Dominion University, USA

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