

The 20th International Conference on Intelligent Tutoring Systems, ITS'2024, June 10-13, 2024, University of Macedonia, Thessaloniki, Greece

The "Back2Basics" Workshop on "Digital Transformation in Higher Education: Empowering Teachers and Students for Tomorrow's Challenges"

IMPORTANT DATES

Submission **EXTENDED** Deadline:

May 23, 2024

Notification of acceptance: **May 31, 2024**

Workshop Date: **June 10, 2024**

Final Version: **August 5, 2024**

WORKSHOP TOPICS

- International perspectives on digital transformation in higher education: challenges and opportunities
- Integration of digital tasks and tools into HE teaching/learning practices
- Leveraging emerging technologies (e.g., artificial intelligence, virtual reality, augmented reality) in HE teaching and learning
- Capacitating HE teachers with digital pedagogical skills and tools
- Training HE students in work-valuable digital skills
- Exploring the incorporation of AI technologies and concepts into HE teaching/learning practices across disciplines
- Exploring innovative teaching methodologies and tools that harness the power of AI to enhance student engagement, critical thinking, and problem-solving skills
- Equipping HE students with the technical skills and competencies required for AI-driven careers

Publication Opportunity:

Accepted and presented articles at Back2Basics Workshop will be published in the conference proceedings, which are indexed by Scopus and published by Springer as a Communications in Computer and Information Science (CCIS) post-proceedings volume.

Submission Guidelines:

We invite contributions in various forms:

- **Full Papers (12 pages)**
- **Short Papers (8 pages)**
- **Posters (6 pages)**

Interested authors are encouraged to consult the conference's guidelines for manuscript submission, which can be found at

<https://iis-international.org/its2024-generative-intelligence-and-its/> ("Instructions for authors")

These guidelines provide detailed information on formatting, length and other important considerations for submitting your contributions.

OVERVIEW

The rapid advancement of technology has catalyzed a profound transformation in higher education (HE), necessitating a paradigm shift in teaching and learning methodologies. As traditional educational models evolve to meet the demands of the digital age, the imperative for HE institutions to embrace innovation and adaptability becomes ever more pressing. The "Back2Basics" workshop serves as a platform for educators, researchers, and industry professionals to come together and engage in dialogue on the challenges and opportunities presented by this digital revolution. By exploring innovative strategies and best practices for integrating digital skills into HE systems, the workshop aims to empower both educators and students to thrive in an increasingly digitized world. Through collaborative efforts and knowledge-sharing, participants will gain insights into effective approaches for enhancing digital competencies, fostering inclusive learning environments, and preparing students for success in the 21st-century workforce. Join us in this journey of transformation as we navigate the intersections of technology, education, and empowerment in higher education.

This session is designed for researchers, educators, policymakers, industry professionals, and other stakeholders interested in advancing digital skills and competencies in higher education.

Join us in exploring the transformative potential of digital technology in higher education and contribute to shaping the future of teaching and learning. We look forward to your valuable contributions.

WORKSHOP CHAIRS

- Prof. Anastasios Economides SMILE Lab, University of Macedonia, Thessaloniki, Greece.
- Dr. Maria Perifanou (mariaperif@gmail.com), SMILE Lab, University of Macedonia, Thessaloniki, Greece.

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Co-funded by
the European Union

2021-1-PT01-KA220-HED-000023543

This project has been funded with support from the European Commission. This publication and all its contents reflect the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.