

INVITATION
Fifth International Scientific Conference
"Innovative STEM Education", April 3-6, 2023
Veliko Tarnovo, Bulgaria

STEMedu-2023 is an interdisciplinary forum that for the fifth year in a row will present scientific developments, projects and innovations in the STEM scientific framework, which by 2022 has received its natural extension: STEM/STEAM (Science Technology Engineering Arts Math). Realizing that combination of WEB 3.0/4.0 functionalities with modern educational technologies and platforms used by schools, universities and scientific institutions for knowledge sharing, shape the future of Education 4.0, the forum organizers put an emphasis on innovation and technology-enhanced learning in mathematics, life sciences, art, engineering, and digital humanities. Digital accessibility as theory and practice is traditional focus of the conference.

Planned accompanying events and seminars:

- Third Information Workshop AB3: Accessibility Technologies for People with Special Needs
- Fourth Cardio4 Information Workshop: Exploring the Application of New Mathematical Methods for Cardiac Data Analysis
- Round table "Accessible STEAM Environment/Learning". Important questions will be asked during the six sessions: how e-textbooks and popular learning environments from Google, Microsoft, Thinglink, CospacesEdu, Canva, Scratch and similar are usable by learners with special needs.

Within STEMedu-2023, reports of scientists and young specialists from Bulgaria and abroad will be presented: scientific reports - up to 20 min; messages - up to 10 min. and posters. The conference papers, after double-blind peer review, will be published in an online collection (Science Series "Innovative STEM Education", Book 5, 2023, ISSN: 2683-1333). Selected papers will be published in a special issue "Selected Papers from the Innovative STEM Education" of the journal Mathematics.

WORKING LANGUAGE: Bulgarian, English

IMPORTANT DATES:

Request for participation (title and abstract): 01.03.2023

Confirmation of acceptance: 10.03.2023.

Full version of the reports (TEMPLATE FOR AUTHORS LINK): 30.03.2022.

CONTACT: stemedu.eu@gmail.com

ORGANIZERS:

- Institute of Mathematics and Informatics, Bulgarian Academy of Sciences
- Institute of Robotics, Bulgarian Academy of Sciences
- Regional Academic Center - Veliko Tarnovo
- Medical University - Varna, Veliko Tarnovo branch
- Union of Mathematicians in Bulgaria