

Special Session Call for Papers for STE 2026

March 11 - 13, 2026, „Transilvania” University of Brasov, Romania



“Special Session: Simulation Tools - from Industry Applications to bio-Medical engineering (STIAM)”

as part of the

International Conference on Smart Technologies & Education (STE 2026)

STIAM Background and Overview

“Simulation tools are the main software technologies that can cover all life and industry domains.”

Simulation tools are of great importance in industry, economy, medicine, biology, because they can mimic possible real situations or functionalities in the case of some applications, without consuming materials, resources, without danger in patients monitoring, or energy consumption, for physical demonstrators. There are industrial domains where testing a final product would be extremely expensive, such as in the microelectronics industry, nanotechnologies, biotechnologies, nanomedicine, construction, space flights, agriculture, surrounding environment, even in the finance-banking area.

Already some software tools have proven their usefulness, such as PSpice in electronic circuit design, Verilog in digital circuit design, Oracle in financial predictions, MATLAB in biomedical engineering, GROMOS as GROningen MOlecular Simulation computer program package for biomolecules, Artificial Intelligence AI in Art and Painting and many other domains.

Often, many software tools are created for specific or punctual applications: determining the energy losses of a house or a car, predicting investments with minimal risks, and many other that are all the more interesting since only a very small group of people use or apply this tool.

Therefore, especially these punctual tools are welcome to be presented in this session. The topic will be presented below, with indicative value, and it is not strictly limited to the directions described, but it is opened to your proposals.

STIAM Topics

Authors are invited to submit complete papers for the STIAM Special Session (no abstracts needed). The topics cover all aspects of simulation tools, including but not limited to the following:

- Simulation tools for Living matter, agriculture, biophysics and biochemistry
- Simulation tools for Electronics and Electro-technical
- Simulation tools for Micro- nano-electronic industry
- Simulation tools for Bio-Medicine, Nanomedicine and patients monitoring
- Software tools for Painting, Visual arts and Interdisciplinary art and science fields
- Simulation tools for Engineering - Mechanical, Constructions, Energies, Transports
- Software tools for any Surrounding phenomena, environment and ecology
- Software tools for Economy and investments

- Simulation tools for Psychology, Learning with Deficiencies, Therapy

- Results of simulations of all above tools.
- others

Special Session Chairs

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Special Sessions General Information

Special Sessions, held in parallel with the general conference, are an integral part of the conference. They provide researchers in focused areas the opportunity to meet and present their work and offer a forum for interaction among the broader community of technology-enhanced learning, and online engineering world-wide. Special sessions papers are required to meet the same standards as papers in the general conference and are published in the same conference proceedings.

Special Session papers must be submitted to STE submission server (ConfTool® Submission Server) to the respective Special Session track. Special Session papers will be reviewed by at least two members of the Special Session's Program Committee, and acceptance decisions will be made by the conference program Co-Chairs and Special Sessions Chair.

Important Deadlines

17 Nov 2025	Submission of complete Special Session papers
15 Dec 2025	Notification of acceptance
19 Jan 2026	Camera-ready due & Author registration deadline
11 Mar 2026	STE 2026 opening

Review/Proceedings

All submissions will undergo a double-blind review process. All accepted and presented papers will be published as STE 2025 Proceedings in Springer's Lecture Notes in Networks and Systems. The books of these series are submitted to ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink. Selected award-winning papers will be recommended for publication in international journals.