

# ECGBL 2024

18th European Conference on Games Based Learning  
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## Mini Track on Games Promoting Critical Thinking, Scientific Communication and Literacy in STEM

Mini Track Chair: Prof Stavroula Andreopoulos, University of Toronto, Canada



The development of science literacy and communication skills are highly valued by academia and industry, in particular for career preparedness. In fact, there is a need to progress to a more sophisticated grasp of English communication in post secondary education. This progress should be based on simultaneously addressing the modalities of scholarly reading, speaking/presentation and analytical writing. As such, we are looking for games that can enhance communication, oral and written skills, reflective abilities, critical thinking and the overall learning experience in science education.

Suggested topics include but are not limited to:

- Interactive instruction and individualized practice in scientific communication
- Course transformation using educational media/games aimed at improving scientific literacy
- Interactive games aimed at developing critical thinking and analytical skills needed for scholarly readings
- Experimental studies examining the effects of interactive/educational media on the development of science literacy and communication
- Scientific communication
- Life Sciences
- Reflection
- Critical Thinking
- English Language
- Scientific Literacy



**Stavroula Andreopoulos** is a Professor, Teaching Stream, in the Department of Biochemistry at the University of Toronto. In 2017, she was recognized by the Temerty Faculty of Medicine for her multi-year contribution to undergraduate teaching with the Sustained Excellence and Innovation in Life Sciences Education Award. More recently (2023), she was awarded the provincial Ontario Confederation of University Faculty Associations (OCUFA) Teaching Award of Distinction.

### Submission details

In the first instance a 300 word abstract is required, to be received by **13 March 2024**. Submissions must be made using the online submission form at

<https://www.academic-conferences.org/conferences/ecgbl/ecgbl-abstract-submissions/>

If you have any questions about this track, please email: [s.andreopoulos@utoronto.ca](mailto:s.andreopoulos@utoronto.ca)

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