

**The Twenty International Conference on Intelligent Tutoring Systems  
ITS'2024  
June 10-11-12-13, 2024**

**1<sup>st</sup> International Workshop on Breaking Barriers with Generative Intelligence  
Welcome to BBGI'24**

**Workshop Overview:**

The "Breaking Barriers: Generative Intelligence Workshop" delves into the emerging idea of generative intelligence (GI) in artificial intelligence (AI), with a focus on its potential to improve human education and well-being. GI includes AI systems and approaches based on deep and machine learning that generate texts, images, solutions, and surroundings to supplement human intelligence and cognitive capacities. Unlike typical AI approaches, GI aims to maximize human cognitive capacity rather than mimic human behavior. The interdisciplinary symposium brings together professionals from academia, industry, and government to address AI ethics, human-AI interaction, and the societal implications of GI. Participants will learn how to address social concerns and encourage diversity in research and development through keynote presentations, panel discussions, and interactive workshops.

The event aims to promote collaboration among stakeholders from academia, industry, and government by offering a forum for networking and knowledge exchange. Participants will present creative efforts and case studies showing GI practical applications in a variety of industries during interactive sessions. The session will also promote talks about GI's revolutionary potential for addressing societal concerns and generating positive change. By imagining the role of GI in altering multiple industries, participants will explore prospects for interdisciplinary collaboration and co-creation of solutions that have a meaningful societal impact.

Join us for "Breaking Barriers with Generative Intelligence" as we examine the revolutionary power of AI technology and pave the road for a more inclusive and equitable future.

**Workshop Topics:** Topics of interest include, but are not limited to:

- Generative Intelligence in Education -
- Teachers and AI collaborations -
- Generative Intelligence for Adaptive Learning -
- AI in Special Needs Education -
- Human Interaction, Games and Virtual Reality Technology in Education -
- Generative Intelligence and Metaverse Technology in Education -
- Generative Intelligence for Autonomous Robots and Learning -
- Changing Skills Sets and Learning Paradigms -

### **Publication Opportunity:**

Accepted and presented articles at BBGI'24 will be published in the conference proceedings, which are indexed by Scopus. **\*\*publication by Springer (to be confirmed)**

### **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/>

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

### **Important Dates:**

- Submission Deadline: April 30, 2024
- Notification of acceptance: May 08, 2024
- Final Version: May 15, 2024
- Workshop Date: June, 2024

### **WORKSHOP CHAIRS**

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### **SENIOR PROGRAM COMMITTEE:**

- Claude Frasson University of Montreal, Canada -
- Oscar Lin Athabasca university Canada -
- Kinshuk Kinshuk University of North Texas, USA -

### **PROGRAM COMMITTEE:**

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#### **ORGANIZATION CHAIRS**

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