INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:
Navigating the AI Revolution: Interdisciplinary Perspectives on Education

Name, Title and Affiliation of Chair:
Senior Associate Professor Peter ILIC, University of Aizu, Japan

Details of Session (including aim and scope):

This session aims to provide an in-depth examination of the general use of Generative Pre-trained Transformer AI (GPT AI) in education. Experts from both educational and engineering sectors will discuss a myriad of evidence-based applications and solutions where AI technologies have proven beneficial in enhancing learning outcomes. The primary objectives are to clarify how Generative AI can be effectively employed in a variety of educational settings and to facilitate a comprehensive, empirical understanding of the technology's potential and limitations within pedagogical contexts.

This session aims to enrich the ongoing discourse on the integrative potential of AI technologies in education. It will serve as a foundational platform for fostering future interdisciplinary collaborations directed towards optimizing the application of Generative AI in education.

Some of these topics include but are not limited to:

- Empirical Evaluations and Metrics for Generative AI in Education
- Adaptive Learning Systems Powered by Generative AI
- Ethical and Social Implications of AI in Education
- AI-Enabled Multidisciplinary and Cross-Curricular Learning
- Human-AI Collaboration and Pedagogical Models
- Accessibility and Universal Design via Generative AI
- The Future of Remote and Hybrid Education with AI
- Curriculum Enhancement through AI and Big Data
- Public-Private Partnerships in AI-Driven Education
- Emerging Technologies: Blockchain, IoT, and Generative AI in Education
- Theoretical Foundations and Philosophical Considerations of AI in Educational Contexts
- And so on.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Website URL of Call for Papers (if any):

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