

International Workshop on Adaptive Cyber Learning 2023 (ACL 2023)

Theme: “Implementing Adaptive Cyberlearning Systems with AI and X-Reality”

Abu Dhabi, UAE, Nov. 13-17, 2023

Workshop Co-Chairs

Oscar Lin, Athabasca University, Canada
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The 2023 International Workshop on Adaptive Cyber Learning (ACL 2023) will be held in Abu Dhabi, UAE and co-located with [IEEE Cyber Science and Technology Congress 2023](#). ACL 2023 is an international forum for researchers and practitioners in educational technologies to share and exchange experiences in the emerging research area of advanced cyber learning.

The main theme of ACL 2023 is “Implementing Adaptive Cyber Learning Systems with AI and X-Reality”. Cyber learning uses technology tools which carry out and facilitate online learning experiences that would otherwise be impossible without the technology itself. Adaptive learning systems customize pedagogy and learning experiences according to the needs of a learner. Nowadays, cyber learning increasingly seeks to offer personalized learning experiences via adaptive learning. In education, creativity is to foster learners to use knowledge, imagination, and judgment to solve problems in an innovative, high quality, and appropriate manner. So, ACL 2023 will cover various aspects of pedagogical principles, designs, ergonomics and technological issues related the main theme. The workshop of this year will focus on advanced cyberlearning that facilitates healthy, happy, and fun learning in authentic learning environments or ecosystems with large language models (LLMs), wearable devices, IOT, cloud service, or other advanced pedagogical and technological tools. Therefore, ACL 2023 encourages experts to develop novel and imaginative ideas to explore and meet the needs of these above-mentioned rapidly expanding and exciting fields of research.

The proceedings will be published by IEEE and best papers will be recommended for publication in special issues of leading international journals. To this end, topics of interests include but not limit to the following:

Adaptive Cyber Learning with LLMs	Wearable technology for learning/interaction
Context-based and ubiquitous learning	Affective learning
Social learning technologies/services	Robots for learning/interaction
Simulation/Animation and computer vision	Sensor technologies for learning
Cloud based technologies for learning	Game-based learning
Virtual Reality/Augmented Reality in	

IMPORTANT DATES

Submission Due: August 15, 2023
Author Notification Due: September 15, 2023
Camera-ready Submission: September 30, 2023

MANUSCRIPT FORMAT

The Workshop paper should be 4-6 pages, following the same Paper Submission Guidelines as the main Congress papers.

SUBMISSION DETAILS

Submissions should represent original and substantive research results. We will not accept any paper which, at the time of submission, is under review for or has already been published (or accepted) for publication in another conference or journal. All papers will be refereed by at least two members of the program committee. Submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of exposition. Authors should submit their manuscripts in PDF format through the main Congress website ([IEEE CyberSciTech/PICom/DASC/CDBCom 2023 \(icnetlab.org\)](#)). If authors have any queries on submissions, please contact Prof. Wu-Yuin Hwang (wyhwang@cc.ncu.edu.tw) or Prof. Oscar Lin (oscarl@athabascau.ca).