The 2nd International Workshop on Adaptive Cyber Learning 2021
(ACL 2021)
Theme: "Adaptive Data-Driven Intelligence to Enable Creativity"
Online, October 25-28, 2021

IMPORTANT DATES

Submission Due: August 8, 2021.
Author Notification Due: September 6, 2021
Camera-ready Submission: Sept. 20, 2021

General Chairs
Wu-Yuin Hwang, National Central University, Taiwan
Oscar Lin, Athabasca University, Canada
George Ghinea, Brunel University, London, UK

Program Chairs
Ali Dewan, Athabasca University, Canada
Hongxin Yan, Athabasca University, Canada
Rustam Shadiev, Nanjing Normal University, China

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Datchakorn Tancharoen	Panyapiwat Ins. of Magt., Thailand
Yang Yan	Changshun Normal University, China
Shyan-Ming Yuan	National Chiao Tung University, Taiwan
Baichang Zhong	China South Normal University, China

The 2021 International Workshop on Adaptive Cyber Learning (ACL 2021) will be held online as part of IEEE Cyber Science and Technology Congress 2021 (www.cyber-science.org). ACL 2021 is a 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 2021 is "Adaptive Data-Driven Intelligence to Enable Creativity". Cyber learning uses technology tools which actually carry out and facilitate 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 2021 will cover various aspects of pedagogical principles, designs, ergonomics, and technological issues related the main theme. The workshop will discuss adaptive cyber learning that facilitates healthy, happy and fun learning in authentic learning environments or ecosystems with wearable devices, IOT, cloud service, AI or other advanced pedagogical and technological tools. Therefore, ACL 2021 encourages experts to develop novel and imaginative ideas to explore

TOPICS

Smart edutainment technologies	Wearable technology for learning/interaction
Neural science and technologies for learning	Affective learning
Context-based and ubiquitous learning	Robots for learning/interaction
Social learning technologies/services	Algorithms for adaptive learning
Simulation/Animation and computer vision	Sensor technologies for learning/interaction
Cloud based technologies for learning	Open Educational Resources
Virtual Reality/Augmented Reality in education	Smart learning environments
Authentic Edutainment theory and design	Game-based learning
	Pedagogical models for collaboration
Pedagogical issue for interaction design	Knowledge management/Creation

MANUSCRIPT FORMAT

The Workshop paper should be 4-8 pages, following the same Paper Submission Guidelines as the main Congress papers (http://cyber-science.org/2021/).

The proceedings will be published by IEEE and best papers will be recommended for publication in special issues of leading international journals.

PAPER SUBMISSION

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 https://acl2021.edas.info .

If authors have any queries on submissions, please contact Dr. Ali Dewan (adewan@athabascau.ca), Dr. Wu-Yuin Hwang (wyhwang@cc.ncu.edu.tw)