

International Workshop on Advanced E-Learning 2019 (AEL 2019)

In conjunction with the 12th International Conference on Ubi-media Computing (U-Media'2019)

Bali, Indonesia, August 6-9, 2019

<http://ael2019.lst.ncu.edu.tw>



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The 2019 International Workshop on Advanced E-Learning (AEL'2019) will be co-located with the 12th International Conference on Ubi-media Computing (U-Media'2019). AEL'2019 is an international major forum for researchers and practitioners in various disciplines to share and exchange experiences in the emerging research area of advanced E-learning.

The main theme of AEL'2019 is "Active Learning with Advanced Educational Technologies". Active learning refers to a form of learning in which instruction aims to involve students in the learning process more directly than in other methods. That is, active learning is when students are actively involved in the learning process. Modern educational technologies can be useful for implementing better active learning. Technologies can help students better interact and engage with the material.

AEL'2019 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 E-learning that facilitates active learning in authentic learning environments or ecosystems with wearable devices, IOT, cloud service, deep learning or other advanced pedagogical and technological tools. Therefore, AEL'2019 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:

Educational technology enhanced active learning	Active learning design and strategy
Educational theory of active learning	Active learning environments
Active learning technology	Active cloud based technologies
Design and development for active learning	Collaboration for active learning/interaction
Active contextual and ubiquitous learning	Robots for active learning/interaction
Active social learning technology/service	Active MOOCs & Flipped classroom
Active Simulation/Animation and computer vision	Sensor technology for learning/interaction
Active virtual /augmented reality in education	Active smart learning environments
Active learning with Big data	Active learning analytics
Active Authentic learning theory and design	Active game-based learning
Pedagogy for active interaction design	Pedagogical models for active collaboration
Active Knowledge Management/Creation	Active Agricultural Education and Extension
Active and creative design	Active learning theories and approaches

IMPORTANT DATES

Paper Submission: March 15, 2019

Final Manuscript Due: May 31, 2019

Author Notification: May 10, 2019

Early Registration Due: June 15, 2019

MANUSCRIPT FORMAT

Do not exceed 6 single-space double column, 8.5 x 11-inch pages (including figures, tables and references) in 11 point Times New Roman or similar font. Number each page. Include an abstract, five to ten keywords, and the corresponding author's e-mail address. Submissions should represent original, 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.

SUBMISSION DETAILS

Submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of exposition. All papers will be refereed by at least two members of the program committee. All submitted papers MUST be formatted according to the author guidelines provided by IEEE Computer Society Press which can be found at [Manuscript Template web page](https://easychair.org/conferences/?conf=ael20190). It must be no longer than 6 pages and no less than 3 pages in length. Authors should submit their manuscripts in PDF format to AEL2019 through <https://easychair.org/conferences/?conf=ael20190> by logging in with their EasyChair username and password (non-members may sign up for an account) and clicking on "New Submission". If authors have any queries on submissions, please contact AEL 2019 Co-Chair e-mail (ael2019@outlook.com).