



# APITEL 2019

First Conference  
Alexandria Pedagogical Innovation and  
Technology Enhanced Learning

TRANSFORMING INTO A CULTURE OF STUDENT  
CENTERED LEARNING THROUGH ENABLING  
TECHNOLOGIES

## WHEN

October 26-27, 2019

## WHERE

Faculty of Medicine, Alexandria University, Alexandria, Egypt

## SCIENTIFIC COMMITTEE CHAIRS

Bernold Hasenknopf, *Sorbonne Université, France*

Bilal Said, *Arts Science and Technology University, Lebanon*

Eric Sanchez, *Fribourg University, Switzerland*

Hisham Abelsalam, *The National Egyptian E-Learning University (EELU), Egypt*

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Rima Malek, *Faculty of Education, Lebanese University, Lebanon*

Sami Nassar, *Institute of Educational Studies, Cairo University, Egypt*

Samuel Nowakowski, *Lorraine University, Nancy, France*

Sana Hajj Safa, *Faculty of Business Administration, CNAM, Lebanon*

## CONFERENCE CHAIR

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Gaber

Vice President,  
Alexandria  
University

## CONFERENCE CO-CHAIRS

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Vice Dean for  
Education and  
Student Affairs,  
Faculty of Medicine,  
Alexandria  
University

Prof. Ghada  
El Khayat

Head of  
Pedagogical  
Innovation and  
Aiding Distance  
Learning Unit,  
Alexandria  
University

## Paper Submission Deadline

August 30, 2019

## Notification of Acceptance

September 16,  
2019

## Camera Ready

September 30,  
2019

## Workshops

## Proposal Deadline

August 25, 2019

<http://ictinourlives.alexu.edu.eg/index.php/APITEL/2019>

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# APITEL 2019

OCTOBER 26-27, 2019

First Conference

Alexandria Pedagogical Innovation and Technology Enhanced Learning

**TRANSFORMING INTO A CULTURE OF STUDENT CENTERED LEARNING THROUGH ENABLING TECHNOLOGIES**

## Aim

The Egyptian Administration declared 2019 the year of Education. In parallel to this, Alexandria University pioneered creating the first Pedagogical Innovation Unit in Egyptian Higher Education Institutions. Alexandria University has also declared starting a transformation into a Student Centered University; a decision that involves reviewing pedagogical strategies, policies and practices. This conference aims at gathering researchers, experts and practitioners who are practicing and promoting pedagogical innovations; and who are modeling, designing, prototyping, implementing and evaluating Technology Enhanced Learning solutions in higher education. Research papers, system descriptions, demonstrations and tutorials are all highly welcome. Special appreciation and attention are dedicated to proposals that emphasize the crucial role of Artificial Intelligence, Knowledge Engineering and Emerging Technologies, in general, in designing and building Technology Enhanced Learning systems and tools to serve the Student Centered University Objective.

## Call for Participation

We welcome the submission of original work in the form of (1) long papers [6 to 8 pages], [2] short papers [2 to 4 pages] with possible virtual presentation, (3) posters, [4] tutorials and demos, (5) workshop proposals, [6] industry and academia showcases as well as [7] workgroups and project meetings that revolve around (but are not limited to) the following topics:

- Artificial Intelligence in Learning and Assessment Processes
- Bring your own device (BYOD) policies and strategies
- Business models for Technology Enhanced Learning
- Competency Based Education (CBE)
- Computer-supported collaborative learning

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- Design and Development of Digital Learning and Assessment Environments
- Digital and generation divide and Student centered learning
- Ethics and data gathering, storage and processing for learning enhancement
- Game-based Learning and Assessment
- Higher Education policies, regulations and Bylaws
- ICT Inclusion for learning
- Innovative Teaching techniques and strategies for digital learning
- Interoperability and Open Educational Resources (OER)
- Inter-Professional Education
- Learning and Assessment Analytics
- Learning groups formation for Student Centered Learning
- Massive Open Online Courses (MOOC)
- Mobile, wearable and pervasive technologies for student Centered learning
- Modeling and Knowledge Representation in Student Centered Learning
- Natural language processing and semantic web technologies for learning
- Network infrastructures and architectures for Technology Enhanced Learning
- Pedagogical innovations and employability support
- Pedagogical innovations to for visual, hearing and physical impairments
- Personalization and Adaptive Learning and Assessment
- Privacy in learning environments
- Problem- and project-based learning
- Psycho-pedagogic support for users: faculty and students
- Remote and Virtual labs
- Sensors and IOT for learning
- Serious Games, Virtual Reality and Augmented Reality
- Social computing and social media for Student Centered Learning
- Story-telling and reflection-based learning
- Teaching, Learning, Technology and Internationalization
- Technology Enhanced Learning Specifications, Standards and Quality
- Trust and reputation in TEL
- Visualization techniques for learning

In parallel to the conference, an exhibit on Pedagogical Innovations and Enabling Technologies will be taking place for both academia and industry.

**Submission Link** <http://ictinourlives.alexu.edu.eg/index.php/APITEL/2019>

Accepted papers will be part of the conference proceedings available online kindly use the IEEE conference template (A4, doc format) available on <https://www.ieee.org/conferences/publishing/templates.html> for paper submission

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