The 18th International Conference on Applied Computing (AC 2021) was held virtually due to the COVID-19 pandemic, from 13 to 15 October 2021.

This conference was organized by the International Association for Development of the Information Society.

This event tried to address the foremost issues of concern within the applied computing area and related fields. This conference covered fundamentally technical aspects regarding the context of applied computing research. Its areas of interest were: Application Fields, Fundamental Concepts and Engineering, Performance, Communication and Usability and Hardware scope.

The 2021 edition was published jointly with the 20th International Conference on WWW/Internet (ICWI 2021). edition received 95 submissions from more than 17 countries. Each submission was anonymously reviewed by an average of four independent reviewers, to ensure the final high standard of the accepted submissions. The result was the approval of 22 full papers, which means that the acceptance rate was 19%. A few more papers have been accepted as short papers, reflection papers and poster.

Extended versions of the best papers were selected to be published in:

- ❖ the IADIS International Journal on Computer Science and Information Systems (IJCSIS). ISSN 1646-3692.

Besides the papers' and poster's presentations, the conference also featured one keynote presentation by Professor Dr. Ling Liu, School of Computer Science, Georgia Institute of Technology, USA.

Keynote Presentation:

"FROM EDGE VIDEO ANALYTICS TO FEDERATED LEARNING"

by Professor Dr. Ling Liu, School of Computer Science, Georgia Institute of Technology, USA

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Conference & Program Chair

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Committee Members

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