



## KEYNOTES OF THE 19<sup>TH</sup> CIAED



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### THE CHANGING DYNAMICS IN TEACHING, RESEARCH AND SOCIAL PROSPECTS IN THE KNOWLEDGE SOCIETY. THE ROLE OF DIGITAL TECHNOLOGIES IN EDUCATION

#### SYNOPSIS

Facing the demands, challenges and coetaneous responses in education has emerged not only answers from an administrative approach, based on the issue of standards and mechanisms for quality assurance, but several "small innovations" from new pedagogical approaches, which seem not only transform practices in the classroom, but in the paradigm, in functions and in the classical organization of educational institutions.

Distance education and, especially, digital technologies and virtual education in particular bi-modal education or blended learning in its more advanced forms, have played a predominant role in these transformations.

As this happens, there is something similar happening with the introduction of the German seminar or similar to what happened with the knowledge in industrial society, which went from being "residual factors" to "strategic factors" catalytically promoters of the current transformations in education.

The aim of this presentation is to analyze the changing dynamics in the classical functions of higher education (teaching, research and outreach), and to exemplify these changes around simple changes such as the introduction of methods or techniques such as flipped classroom flip teaching. The Knowledge Management or even the new versions of MOOCs (Massive Open Online Courses) that, rather than changes in the teaching, seem to be leading factors to a re-conceptualization of the functions of the universities and to the re-organization of educational institutions. As references, take some of the known current experiences, including those that the speaker is performing in the "Master of Evaluation and Quality Assurance of Education", coordinated by the Universidad Externado de Colombia.